

THE ELECTRICAL WORKER

OFFICIAL JOURNAL

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS.

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July, 1914

AFFILIATED WITH THE
AMERICAN FEDERATION
OF LABOR IN ALL ITS
DEPARTMENTS

DEVOTED TO THE CAUSE OF
ORGANIZED LABOR

EDUCATION

THE ELECTRICAL



WORKER

OFFICIAL JOURNAL

OF THE

International Brotherhood of Electrical Workers

Affiliated with the American Federation of Labor and
all Its Departments.

OWNED AND PUBLISHED BY

THE INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS

CHAS. P. FORD, International Secretary,

GENERAL OFFICES: REISCH BUILDING

SPRINGFIELD, ILL.

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THE ELECTRICAL WORKER

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BROTHERHOOD OF ELECTRICAL WORKERS

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COLORADO—A CALL TO DUTY

The Colorado State Legislature authorized the governor to forbid the use or sale of firearms and to close saloons. It provided for a joint committee to investigate the strike. It refused to consider constructive legislation. It appropriated one million dollars to pay the state militia for strike service, although it has been established that the majority of the men in the militia were gunmen who were hired by the coal operators and who served their interests though posing as employees in public service. This was the total result of a special session.

Federal troops now maintain law and order. The legislature has done nothing to provide for the protection of human life and the maintenance of a republican form of government when federal troops are removed.

Federal troops can not be kept in the field indefinitely. Colorado must set her own house in order.

John D. Rockefeller, Jr., has refused to reconsider his ultimatum. Like the Bourbons, he forgets nothing and learns nothing. He will do nothing to re-establish industrial peace. The legislature has refused to do anything to solve the problem.

What are the people of Colorado going to do about it?

The people of Colorado are the final arbiters of the situation.

Are the people of Colorado ready to accept industrial despotism? Are they ready to sanction by passive agreement the overthrow of civil government? Are they ready to give up the right of trial by jury, that the Colorado Fuel and Iron Company may pile up dividends and continue its lawless policies? Are they willing to see the hillsides fortified and guarded by gunmen who shoot upon women and children?

What are you going to do about it?

The mine operators have established a feudal system in the vast land holdings under their control. Incorporated towns are privately owned. The lives of the inhabitants of these towns are ordered by the land-owners—the mine operators. Social relations are controlled by the owners of the town. Medieval conditions have been re-established

in a great state in free America in the twentieth century.

What are the people of Colorado going to do about it?

The mine operators have managed their affairs with lawless disregard to the statutes of the State. They have disregarded official reports showing violations of laws—violations that endangered the health and the lives of the miners.

Are the people of Colorado willing to submit longer to corporation government? What are you going to do about it?

The grand jury returned indictments charging certain officials of the miners' organization with "conspiracy" to murder. The militia of Colorado has been found responsible for the deaths of many, for the massacre of Ludlow, and the firing of the tents which was the death-fire of nearly a score of women and children.

Are the people of Colorado willing to accept this as justice? What are you going to do about it? You can not avoid a decision.

Again the grand jury is now investigating the Colorado mine strike. It is said that the grand jury was called at the request of the attorney for the mine operators, a political boss who distributes offices.

From experience the people of Colorado know the nature of the findings of such a jury. It is within their power to refuse to endure further desecration of justice.

Again military government has made a mockery of law and justice. The soldier responsible for the massacre of Ludlow and for the death of the worker Louis Tikas was found guilty and punished. But how? By being sentenced to be "reduced five files in rank." Thus are the rights and lives of the workers protected in Colorado and "equal justice" maintained.

What are the people of Colorado going to do about it?

John D. Rockefeller, Sr., and Jr., can not escape the responsibility attaching to the great fortune they have amassed.

Many people helped in the development of their great industrial projects. Without them they could not have succeeded. Now the toilers demand the right to an organization that shall secure them safer and better conditions of work, a more just reward for their toil, and an opportunity to grow, to understand and enjoy the full fruits of justice and freedom.

John D. Rockefeller, Jr., refused their demands—in the name of justice as it was revealed to him in 26 Broadway.

The miners of Colorado who were ready to risk their lives and their all for justice as it was revealed to them in the mines of Colorado will not be denied justice.

To be forewarned is to be forearmed. Is it not best that every precaution be taken now ere the hounds are loosed again?

Workers—people of Colorado—what are you going to do about it?—Federationist.

TRUST LAWS AND LABOR.

A great deal of misunderstanding and confusion is likely to arise when any measures are proposed affecting labor organizations. That is partly due to the fact that the old relation of master and servant no longer exists and can no longer exist in our great industries, and yet the law regarding employer and employe is based on that old individualistic relation. Consequently labor legislation must in its nature be radical in the sense that it must go to the roots of things, for the great industrial change has been radical. At this time, when Congress has been considering two important measures affecting labor unions, there has therefore arisen a great deal of misunderstanding and confusion.

The two measures to which we refer are two provisions in the so-called anti-trust bills.

Both of these provisions have been denounced as class legislation, as attempts to give special privileges to labor unions, as efforts to placate the wage-working voters by special legislation placing them outside the reach of lawful authority. As a matter of fact, whatever defects there may be in the phraseology, both of these provisions are attempts to render the law consistent with the change in industrial conditions.

One of these provisions is designed to exempt labor unions and farmers' associations from the operations of the Sherman anti-trust law. Whether it does so, there seems to be some doubt. We do not wish to believe that the President or any member of Congress acquiesced in the passage of this provision on the ground that it did not really accomplish what it purports to accomplish. The real

object of the provision is justifiable in both common sense and morals, and its passage without a dissenting vote ought to, if it does not, represent the recognition of the House of Representatives, without regard to politics, of the fact that labor unions ought not to be prosecuted under the anti-trust law. The effort of Congress in a former session to enact such a provision by means of a "rider" on an appropriation bill was a subterfuge that deserved condemnation. The enactment of this provision in the open as an essential part of a trust measure, is in comparison courageous and deserves commendation.

Why should labor unions be exempted from prosecution under the anti-trust law?

Everybody recognizes that the laws which are applicable to certain groups or classes are not applicable to other groups or classes. It is right to lay upon automobile drivers restrictions from which pedestrians are exempt; it is right to require by law from the liquor dealer what no one would think of requiring from the dealer in clothing; it is right to limit the operation of steamboats by regulations which do not apply to sailboats; it is right to exact from corporations what it not exacted from firms. Likewise it is right to apply to those who manufacture or deal in merchandise a law which is not made applicable to those who work for wages. And if a law which was devised for the regulation of those who manufacture or deal in merchandise has proved in practice to apply to wage-earners, to whom it was not intended to apply, it is right to exempt the wage-workers, just as it would be right to pass a law exempting pedestrians from the operations of an automobile law which has proved to place a needless restriction upon pedestrians.

Whether there should be a distinction in law between one category or group of people and another should be determined by the nature of the difference between the two groups or categories. If the difference has no relation to the object of the law, then that difference ought not to be recognized in the law; but if that difference has a material bearing on the object of the law, then it ought to be recognized in the law.

What is the object of the anti-trust law? It is, briefly, to prevent monopoly. According to Bouvier's "Law Dictionary," monopoly is "the abuse of free commerce by which one or more individuals have procured the advantage of selling alone all of a particular kind and merchandise to the detriment of the public," or "any combination among merchants to raise the price of merchandise to the injury of the public."

The whole question whether labor unions should come under the operation

of the anti-trust law rests upon the question whether labor is merchandise or not. From the point of the slave-holder, of course, labor is merchandise. The slave is as truly a valuable piece of property as a horse. From the point of view of some economists labor is regarded as a commodity which, like potatoes, or steel, or water-power, is offered by the owner in the highest market and sought by the buyer in the lowest market. This is the only ground on which the application of the anti-trust law to labor unions can be defended.

This view of labor as a commodity is rightly becoming obsolete. Slavery is no longer countenanced among civilized people. The idea that one man can have a property right in another man is no longer defended by reasonable people. With the abandonment of that idea must be abandoned the idea of labor as a commodity, for labor consists of human beings.

The man who wishes to buy potatoes, or steel, or water-power buys a thing; a man who hires labor for a wage employs a human being. The man who sells potatoes, or steel, or water-power gives that which is separate from himself, but a man who offers his labor for a wage offers himself. The purchaser of a commodity does not inquire whether the seller is thrifty or has good habits; all that he wants to know is whether his goods are all that the seller represents them to be. The man who hires labor, on the other hand, is very much concerned with the habits, the character, of the person he hires. Such a difference as this the law ought to recognize. If it does not recognize it, the law ought to be changed. The United States courts have declared in substance that the anti-trust law does not recognize this difference between the rights that a man has in things that he happens to own and the right that he has over himself. Since the anti-trust law does not recognize the difference, Congress ought to amend the law. It ought to do so openly and freely.

The avowed object of the amendment which the House of Representatives unanimously passed last week was to recognize this difference and to make it impossible hereafter for laboring men who are organized for the common protection of themselves to be treated by the courts as men who have combined for the purpose of monopolizing a commodity.

This provision applies also to farmers' organizations. It is sufficient to say that the farmer is the most individualistic of individuals, and no other danger is quite so remote as that of a farmers' monopolistic organization. Anything which can legitimately be done to encourage cooperation among farmers should be welcomed as a public benefit.

The other provision in the anti-trust measures which affects labor unions is that which prohibits the issuance of injunctions in labor disputes except when necessary for preventing irreparable injury, and then only in response to a written application; prohibits the issuance of injunctions against peaceful primary boycotts and peaceful picketing; in addition, declares that such peaceful boycotts and peaceful picketing shall not be construed to be illegal.

This provision seems to us to be cautiously planned and to provide by statute nothing but what has been judged permissible by at least some of the higher courts of the land. There is no reason why the courts should attempt to enjoin men from refusing to deal or for persuading others to refuse to deal with an employer with whom they have a controversy. Nothing in this provision legalizes the attempt to enforce such a boycott by coercive or violent methods, or by attempting a secondary boycott—that is, the refusal to deal with those who decline to join the boycott. There is no reason why the court should attempt to enjoin men from peacefully attempting to persuade others not to work for an employer with whom they have a controversy. This is peaceful picketing, and it ought to be distinctly understood to be well within the law. There is nothing in this provision which legalizes the attempt to enforce the desires of strikers by coercive measures of any kind. In this provision, with regard to injunctions, there is and ought to be nothing that is not as applicable to the employer as to the employee.

The English labor law goes even further than this provision, and, as we understand it, declares that it is not unlawful for two or more to do what one may do. Inasmuch as it is lawful for an individual to refuse to deal with a former employer, it would be lawful for any number to refuse to deal with their former employer. It can be seen that the English provision is more extensive in its application than the provision in the proposed anti-trust law. We believe that it is right that by some such provision labor unions should be definitely and generally secured in rights which the courts have on occasions conceded to them.

There is no question here whether labor unions should be regulated or not. Labor unions equally with any other large bodies of men, should be kept subject to the sovereignty of the whole people. The question is whether labor shall be treated as a commodity, and whether men shall be allowed to do jointly what every one is and ought to be allowed to do singly in the control of his own labor.



IN MEMORIAM

Whereas, it has pleased the almighty God to remove from our midst our late brother, James Davis, and

Whereas, the intimate relations long held by our deceased brother with the members of this Local render it proper that we should place on record our appreciation of his services as a member and his merits as a man; therefore, be it

Resolved, by Local Union No. 282, International Brotherhood of Electrical Workers, that, while we bow with humble submission to the will of The Most High, we do not the less mourn for our brother, who has been called from his labor to rest;

Resolved, that in the death of James Davis this Local loses a brother who was always active and zealous in his work as an electrical worker; ever ready to succor the needy and distressed of the fraternity prompt to advance the interests of the local; devoted to its welfare and prosperity; one who was in counsel and fearless in action; an honest and upright man, whose virtue endeared him not only to his brethren of the order, but to all his fellow citizens;

Resolved, that this Local tenders its heartfelt sympathy to the family and relatives of our deceased brother in this their sad affliction;

Resolved, that these resolutions be entered upon the minutes of this Local, and that a copy of them be sent to the family of our deceased brother, and also a copy be sent to the General Office to be published in The Worker;

Resolved, that the charter of Local No. 282 be draped in mourning for the period of thirty days.

William J. O'Leary, Recording Secretary.

In as much as it pleases Almighty God in his infinite wisdom to remove from our midst the wife of our beloved brother, Frank E. Cull, we, the members of Local No. 1, realizing his great bereavement, extend our heartfelt sympathies to himself and family, and be it further;

Resolved, that a copy of these resolutions be sent to the official journal for publication and a copy spread on the minutes of Local No. 1 and our charter be draped for a period of thirty days to show our appreciation of the efforts of Brother Cull in behalf of this Local.

L. O. Arment,
A. M. Bradford,
J. T. Osborn,
W. B. Smith,
W. H. Peebles,
Committee.

Whereas, it has been the will of our Almighty Father to call from this world in the prime of his life, our beloved and esteemed brother, Harry Sandiford, and the sudden removal from our midst of Brother Sandiford has left a vacancy and a shadow that will be deeply realized by all members of his organization; and

Whereas, the members of Local No. 261 lost by his death a true union man and a brother esteemed not alone by members of his union but by all he came in contact with; therefore be it

Resolved, that while we bow in humble submission to Him who "doeth all things well"; yet we cannot but mourn his loss; and be it further

Resolved, that the members of Local Union No. 261 extend their deepest and heartfelt sympathy to his friends and relatives in this, their hour of grief and sorrow; and be it further

Resolved, that our charter be draped in mourning for a period of sixty days and a copy of these resolutions be sent to his bereaved relations, a copy be spread upon our minutes, and a copy sent to our official journal for publication.

G. Mowdon, Recording Secretary.

In memory of our departed and beloved brother, Raymond L. Brown, Born August, 1889; died May 17, 1914.

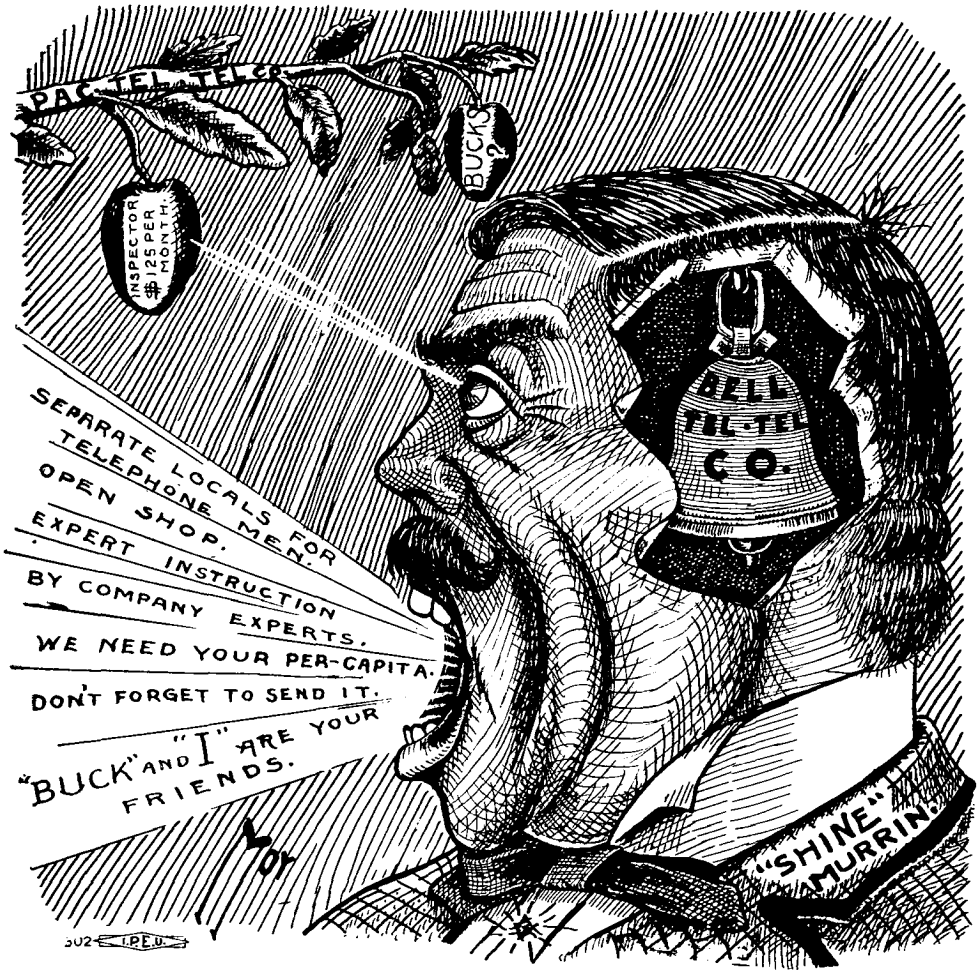
Whereas, it has pleased Almighty God in His infinite wisdom to remove from our midst our worthy Recording Secretary, Brother Raymond L. Brown; and

Whereas, he died in the prime of young manhood he was an honest faithful workman and respected by all his fellows;

Resolved, that Local Union No. 189, I. B. of E. W., extend to his family and friends our heartfelt sympathy in this their hour of sorrow;

Resolved, that the charter be draped for thirty days and a copy of these resolutions be sent to his family and also published in our official journal and the same be spread upon the records of this union.

John E. Lynch,
Frank Lints,
Fred G. Lanair,
Committee



WHEN THE BELL RINGS—HUGHIE SPOUTS

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CHAS. P. FORD, Editor.
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Seventh District - T. C. Vickers
324 Clark St, Fresno, Cal.

NOTICE.

On account of difficulty in our jurisdiction and having constitutional number of members unemployed, we have placed in effect Section 8, Article 14.

Arthur Wichman,
Recording Secretary,
L. U. No. 164. Jersey City, N. J.

NOTICE.

On account of trouble with the M. M. and E. Association and organized labor in Stockton. L. U. No. 591 has put in effect Section 8, Article 14 for ninety days.

Fraternally yours,
H. S. White,
Recording Secretary.

L. U. No. 591.

NOTICE.

Owing to jurisdictional disputes and unsettled conditions in our city, and the large number of our members unemployed, L. U. No. 537 desires to notify the Brotherhood that we cannot accept any traveling cards for thirty days.

We have placed in effect Section 8, Article 14 of the Constitution.

S. Colberson,
Recording Secretary.
L. U. No. 537.

NOTICE.

On account of difficulty in our jurisdiction and having constitutional number of members unemployed, we have placed in effect, Section 8, Article 14 of our Constitution.

Thos. Gaggis,
Recording Secretary.
L. U. No. 321. LaSalle, Ill.

NOTICE.

For the information of all members we desire to state that we have levied \$50 fine against C. W. Black for deserting his organization and returning to work while we were involved in difficulty.

F. D. Sweeney,
Financial Secretary,
L. U. No. 183. Lexington, Ky.

NOTICE.

Owing to difficulty in our district we cannot extend the usual courtesies to traveling card members until such time as our members have secured employment.

J. H. Palmer,
Press Secretary,
L. U. No. 5, Pittsburg, Pa.

NOTICE.

L. U. No. 336, I. B. E. W. of Dayton, Ohio, wishes to thank all Locals of the I. B. E. W., who have contributed their financial and moral support in answer to our appeals for assistance sent out under date of May 26th.

NOTICE.

On account of difficulty in our jurisdiction and having over one-third of our members unemployed it is necessary for us to place in force Section 8 of Article 14 of the Constitution and we will not be in position to accept traveling cards until the present difficulty is settled.

W. B. Smith,
Secretary L. U. No. 1.
NOTICE.

P. Flaherty, carrying card of the unaffiliated organization, Perth Amboy, New Jersey, was electrocuted while working for the Tumwater Light & Water Company, at Levenworth, Washington. Anyone knowing the whereabouts of his relatives, please communicate with Fred L. Bourne, Box 644, Portland, Oregon.

LOST.

Receipts and receipt holder of Roy Calhoun, Card No. 66559. Finder will confer a favor on Brother Calhoun by forwarding this promptly to International office.



EDITORIAL


THE CLAYTON BILL.

The Clayton Bill, H. R. 15657, which contains provisions taking voluntary associations from under the Sherman Anti-Trust Act has passed the House of Representatives by practically a unanimous vote. This bill is now in the hands of the Senate and it is reported that the "interests" will make every effort to have it so amended that the beneficial features in so far as they effect the toiler will be eliminated.

As this legislation is much needed by workingmen to protect them from injunction abuses or government by injunction, we urge all members to write the senators from their respective States requesting them to support the bill in the same form it came from the House of Representatives.

Do this at once—remember you may be one of the first who will be protected by its provisions.

Address your senator at Senate Chamber, Washington, D. C. Also be sure to mention the bills number which is H. R. 15657.

Some of the important features of the bill are here with quoted:

"Section 7. That nothing contained in the anti-trust laws shall be construed to forbid the existence and operation of fraternal, labor, consumers, agricultural, or horticultural organizations, orders or associations instituted for the purposes of mutual help and not having capital stock or conducted for profit, or to forbid or restrain individual members of such organizations, orders or associations, from carrying out the legitimate objects thereof, nor shall such organizations, orders, or associations, of the members thereof be held or construed to be illegal combinations or conspiracies in restraint of trade under the anti-trust laws.

Sec. 18. That no restraining order or injunction shall be granted by any court of the United States, or a judge or the judges thereof, in any case between an employer and employees, or between employers and employees, or between employees, or between persons employed and persons seeking employment, involving or growing out of, a dispute, concerning terms or conditions of employment, unless necessary to prevent irreparable injury to property, or to a properly right, of the party making the application, for which injury there is no adequate remedy at law, and such property or property right must be described with particularity in the application, which must be in writing and sworn to by the applicant or by his agent or attorney.

And no such restraining order or injunction shall prohibit any person or persons from terminating any relation of employment, or from ceasing to perform any work or labor, or from recommending, advising, or persuading others by peaceful means so to do; or from attending at or near a house or place where any person resides or works, or carries on business or happens to be, for the purpose of peacefully obtaining or communicating information, or of peacefully persuading any person to work or to abstain from working; or from ceasing to patronize or to employ any party to such dispute, or from recommending, advising, or persuading others by peaceful means so to do; or from paying or giving to, or withholding from, any person engaged in such dispute, any strike benefits or other moneys or things of value; or from peacefully assembling at any place in a lawful manner,

and for lawful purposes; or from doing any act or thing which might lawfully be done in absence of such dispute by any party thereto, nor shall any of the acts specified in this paragraph be considered or held unlawful.

Sec. 19. That any person who shall willfully disobey any lawful writ, process, order rule, decree, or command of any district court of the United States or any court of the District of Columbia by doing any act or thing therein, or thereby forbidden to be done by him, if the act or thing so done by him be of such character as to constitute also a criminal offense, under any statute of the United States, or at common law, shall be proceeded against for his said contempt as hereinafter provided.

Sec. 20. That whenever it shall be made to appear to any district court or judge thereof, or to any judge therein sitting, by the return of a proper officer on lawful process, or upon the affidavit of some credible person, or by information filed by any district attorney, that there is reasonable ground to believe that any prson has been guilty of such contempt, the court or judge thereof, or any judge therein sitting, may issue a rule requiring the said person so charged to show cause upon a day certain why he should not be punished therefor, which rule, together with a copy of the affidavit or information, shall be served upon the person charged with sufficient promptness to enable him to prepare for and make return to the order at the time fixed therein. If upon or by such return, in the judgment of the court, the alleged contempt be not sufficiently purged, a trial shall be directed at a time and place fixed by the court. Provided, however, That if the accused, being, a natural person, fail or refuse to make return to the rule to show cause, an attachment may issue against his person to compel an answer, and in case of his continued failure or refusal, or if for any reason it be impracticable to dispose of the matter on the return day, he may be required to give reasonable bail for his attendance at the trial and his submission to the final judgment of the court. Where the accused person is a body corporate, an attachment for the sequestration of its property may be issued upon like refusal or failure to answer.

In all cases within the purview of this act such trial may be by the court, or, upon demand of the accused, by a jury; in which latter event the court may impanel a jury from the jurors then in attendance, or the court or the judge thereof in chambers may cause a sufficient number of jurors to be selected and summoned, as provided by law, to attend at the time and place of trial, at which time a jury shall be selected and impaneled as upon a trial for misdemeanor; and such trial shall conform, as near as may be, to the practice in criminal cases prosecuted by indictment or upon information.

If the accused be found guilty, judgment shall be entered accordingly, prescribing the punishment, either by fine or imprisonment, or both, in the discretion of the court. Such fine shall be paid to the United States or to the complainant or other party injured by the act constituting the contempt, or may, where more than one is so damaged, be divided or apportioned among them as the court may direct, but in no case shall the fine to be paid to the United States exceed, in case the accused is a natural person, the sum of \$1,000, nor shall such imprisonment exceed the term of six months.

Sec. 21. That the evidence taken upon the trial of any person so accused may be preserved by bill of exceptions, and any judgment of conviction may be reviewed upon writ of error in all respects as now provided by law in criminal cases, and may be affirmed, reversed, or modified as justice may require. Upon the granting of such writ of error, execution of judgment shall be stayed, and the accused, if thereby sentenced to imprison-

nient, shall be admitted to bail in such reasonable sum as may be required by the court, or by any justice, or any judge, of any district court of the United States or any court of the District of Columbia.

Sec. 22. That nothing herein contained shall be construed to relate to contempts committed in the presence of the court, or so near thereto as to obstruct the administration of justice, nor to contempts committed in disobedience of any lawful writ, process, order, rule, decree, or command entered in any suit or action brought or prosecuted in the name of or on behalf of, the United States, but the same, and all other cases of contempt not specifically embraced within section nineteen of this act, may be punished in conformity to the usages at law and in equity now prevailing.

Sec. 23. That no proceeding for contempt shall be instituted against any person unless begun within one year from the date of the act complained of; nor shall any such proceeding be a bar to any criminal prosecution for the same act or acts; but nothing herein contained shall affect any proceedings in contempt pending at the time of the passage of this act."

APPROPOS OF OUR PRESENT INDUSTRIAL DEPRESSION.

It is well to remember that in years gone by the same thing occurred more often, and was accepted as a periodical thing and no one became greatly excited over it. Of late the periods of depression becoming less frequent create a more unusual condition of mind with its resultant excitement, and consequently more is heard of it. Since the era of organization with the introduction of the shorter work day and regulations resulting from collective bargaining and agreements between employer and employed, the conditions have become better, and periods of depression less frequent. But more noticeable from the fact of their infrequency. And also by reason of the fact that due to organization the man has some place to report and complain of lack of employment where formerly there was nothing for him to do, but try hard to get some other fellows job by offering his services at a lower price and demoralizing himself and his calling.

Organization has in a large measure cured this evil, and the cure for the other evils that beset The Worker is more and better organization.

It is a fact worthy of note that formerly every period of depression resulted in a cutting of wages that took years to regain. While during the last ten years wage scales were maintained and raised even during the worst of times.

The answer again is Organization.

WELCOME HOME COMING FOR ALL.

In spreading a referendum to extend the time in which the conditions set forth in the agreement reached at San Francisco may be offered to other Locals returning, the officers of the Brotherhood are taking the only course open to them to make another effort to reunite the Electrical Workers of the country in one comprehensive and powerful organization.

Misstatements in great plenty have been made to block these efforts. The favorite canard now indulged in by the opponents of the reuniting policy is that the Brotherhood does not want the outside man at all.

This lie is so old and shopworn that it is hard to understand how any one could give it credence for a moment, especially when the efforts made to have the outside men reaffiliated are given any consideration.

The writer on one occasion after waiting a number of days for an outside Local in the South to meet, and making the strongest possible argu-

ment to have them reaffiliate was told by the members that the affiliated Brotherhood did not want the outside men, and was doing all possible to keep the inside man and the outside men apart.

When it was called to their attention that my only object in attending their meeting was to induce this very Local to affiliate. One of the members said, "Well, he didn't believe it, and while ready to admit that all argument made was sound said." Guess there will be two brotherhood anyway and will stay out.

This is the sort of logic or lack of logic that has kept the fight going on for the past five years.

All thinking members agree that the one big thing necessary is the reunited Brotherhood, that the time for the spreading of slander and vituperation has passed the Brotherhood is bigger and better than any set of men concerned and can be relied upon to discern its friends and its enemies and deal with them accordingly.

In the interest of all the referendum should carry, and its provisions should be taken advantage of by all not affiliated, even though some of the brothers not affiliated may think we are not right. Get in, and if you should find your opinion well founded, get busy. Throw off your coat and get to work to make things right. This you cannot do on the outside.

Cast aside your personal animosities. Keep in view only the ultimate good of the organization, and the biggest, most powerful and best organization on earth will be the result.

Section 8, Article 14. We received many request from Local Unions asking us to publish a notice in the official journal that they have placed in force Section 8 of Article 14 of the Constitution.

All Locals should keep in mind that the provisions of this section of our laws require that this can only be enforced by a Local while or after they have been involved in recognizing difficulty and then only when at least 10 per cent of their members are unemployed. This law is clear and specific and should be readily understood by all. Notwithstanding this fact several Locals have expressed their displeasure because the officials of the Brotherhood have followed the constitution in this matter and declined to publish notices for them when the necessary conditions, that would entitle them to the privilege of not receiving traveling cards did not exist in their jurisdiction.

We trust that all Locals in the future will not endeavor to take advantage of this provision of our constitution and request publication of notices to that effect unless the situation in their jurisdiction meets the constitutional requirements.

All should bear in mind this law like the rest of our constitution was made for the government of our general membership, who expect the officials they have selected to administer the duties of their respective offices to be guided by them, that is what the Brotherhood officials have been selected for, so don't find fault and complain when your officers endeavor to do their duty and follow the laws you have made for them to enforce.

It will be interesting to hear what new line of dope Fitz and Murphy are handing out to their membership to influence them from acting favorable on the proposition of further reuniting the electrical workers in to one great organization.

It no doubt will be the usual old gag that the outside man can't live

under the Brotherhood constitution, we don't expect this false and shop worn argument will receive any great consideration from their members, and we hope if any are inclined to be influenced by it that they will thoroughly investigate before making up their minds.

We offer the suggestion that they make inquiries among the thousands of outside men whom have recently reaffiliated under similar terms, this is surely a fair way of finding out if there is any merit to this favorite argument of the advocates of divided forces.

Many Local Unions have by this time installed their new elected officers and the members should give them their every support. Remember your co-operation is necessary to make their administration successful.

The referendum vote that is now being taken deals with matters of much importance. We hope every member will vote on the questions submitted to them and let us see if we can't get an expression from more than 25 per cent of our membership as that was the percentage of the Brotherhood membership that cast ballots in the last two referendums.

Our organization has not alone the best electricians in the business but their is also included among our membership some talent that worries "Bud Fisher" and several other of the well known cartoonist.

AN ORDINANCE LICENSING ELECTRICIANS, ST. PAUL, MINN.

The common council of the city of St. Paul do ordain as follows:

Section 1. No person, firm or corporation shall hereafter engage in the occupation of or do any installing, operating or repairing of any electrical apparatus or wires within the city of St. Paul unless such person, firm or corporation is qualified so to do by the laws of the State of Minnesota, and hold a license issued by the State Board of Electricity, authorizing the person, firm or corporation so to do.

Sec. 2. No person, firm or corporation, engaged in the business of installing, operating or repairing electrical apparatus or wires within the city of St. Paul, shall require or permit any employee or other person to repair, install or operate any electrical apparatus or wires unless such employee or person holds a license, as in Section One (1) hereof provided.

Sec. 3. The Electrical Inspector of the city of St. Paul shall keep a record properly indexed in which he shall record the names and addresses of all persons qualified and entitled to act as Master, Journeyman and Special Electrician in the city of St. Paul, and every person, firm

or corporation qualified to act or engage in the business of master, journeyman or special electrician shall report that fact to the City Electrical Inspector and exhibit to him the license or duplicate thereof, showing the qualifications of the holder to so act, and thereupon the said City Electrical Inspector shall record the name and address of holder, the date of issuing the license and the last renewal thereof and the expiration thereof, and in the case of a Master Electrician that the has filed the bond required by law.

Sec. 4. Nothing herein shall prevent a person from serving as an apprentice under a licensed electrician, but no master electrician shall have more than one apprentice to each two journeymen in his employ. No master electrician shall allow any apprentice to work at any installation of electrical wiring or operating wires or apparatus unless such apprentice is working with a licensed electrician on the job.

Sec. 5. A violation of this ordinance or any part thereof shall be a misdemeanor.

Sec. 6. This ordinance shall take effect and be in force from and after its passage and publication.

Board File No. 39640.

Introduced by Ald. Ryan.

LOCAL Union Official
Receipts up to and in-
cluding the 10th of the
current month *□ □ □*

7	555686	555762	102	408445	408496
7	555760	555861	102	408497	408555
8	182409	182459	103	463241	463500
8	182460	1825	103	601351	601410
9	428621	428990	104	478597	478726
12	217921	217934	104	479201	479290
17	578392	578616	104	480634	480991
20	173200	173245	104	480566	480621
22	439894	439938	104	480622	480623
23	586365	586410	110	426720	426724
23	124476	586411	110	426750	585601
23	586434	586435	110	585679	.....
26	596142	596258	115	384849	384871
28	535355	535490	116	572882	572912
36	534141	534180	117	209876	209895
38	485072	485100	124	576726	576867
38	581851	581865	125	632044	632100
41	370854	371046	125	632401	632417
43	570821	570926	125	632901	633000
49	404150	404217	130	302916	302927
52	569991	570050	130	302928	302958
52	570051	570133	133	223739	223751
56	411398	411440	135	208693	208702
58	253285	253500	135	208703	208712
58	626851	626943	136	282107	282139
61	544364	544365	140	405649	405714
61	587686	587639	141	160064	160160
61	587828	587827	142	505068	504120
61	587632	587852	142	504596	.....
61	587851	.....	146	572157	572201
61	580563	580804	149	93728	93743
65	540139	540286	150	584851	584873
66	325676	325696	151	533443	533824
67	616812	620851	152	494152	494159
67	620860	.....	153	587882	587883
68	498842	498941	153	587884	587891
68	498942	499015	164	382610	382690
69	599101	599148	169	563101	563153
69	477678	447750	177	94267	94334
72	158139	158173	180	534756	534800
73	375835	375857	183	305592	305600
76	27645	27651	183	305992	305993
76	27660	548871	186	202741	202753
76	548875	548877	190	386055	386076
76	548890	.....	194	345921	345940
77	550390	550430	194	345941	345950
77	550617	550706	197	243921	243925
78	152108	152131	200	568438	568489
78	152133	152135	201	605864	605876
78	152136	152153	202	582601	582712
78	152154	152138	206	628351	628390
78	152139	152162	211	386675	386677
78	152169	152142	211	386694	.....
78	152143	.....	213	552942	553171
80	30200	30215	223	560913	560944
83	547366	547375	224	434523	434547
86	409351	409461	226	308565	308583
93	446412	446450	228	593857	593880
96	399525	399569	230	554907	554936
100	89980	89981	233	347524	347525
			233	347528	347550
			233	347551	347576
			236	238121	238126
			238	139663	139684
			247	569685	569850
			247	597601	597630
			247	597681	598004
			247 Sub	500306	500400
			247 Sub	500431	500491

249	230420	230432	461	310033	310048
254	562747	562963	461	310049	310067
254	562964	562967	463	523521	523600
255	205875		464	415066	415088
255	205880	205888	465	551176	551177
257	99880	99880	465	551181	551284
257	99890	99892	470	163960	163978
261	338245	338250	471	231872	231890
261	397622	397648	474	412047	412050
262	118190	118204	474	412111	412149
267	519336	519400	479	329414	329429
269	231345	231374	481	616391	616540
270	591614	591634	485	330130	330138
280	603601	603626	492	344638	344710
282	90711	90723	494	537828	538030
282	90724	90734	494	538031	538175
283	553551	553785	495	348571	348604
287	600601	600608	495 Sub.	511675	511732
292	471667	471700	499	472100	472173
292	618601	618615	499 Sub 1 of	549627	549656
292	618616	618668	501	522155	522290
294	578851	578871	503	433774	433815
297	525627	525629	506	34716	34726
308	530119	530128	512	544375	544393
310	536111	536116	513	372569	372590
312	542851	542860	513	372591	372600
312	542862	542866	514	515888	515897
312	542867	542870	517	573601	573612
315	482241	482260	528	450249	450278
315	482261	482288	534	22254	22593
315	482311	482315	535	373709	373725
321	287469	287479	536	308059	308091
323	483638	483644	536	308054	308055
328	289687	289701	537	545958	546026
332	522644	522661	538	251799	251824
335	220995	221015	541	98845	98849
344	577356	577366	546	396022	396027
344	577367	577374	547	398361	398365
349	378051	378052	551	390891	390908
354	328203	328225	556	588627	588640
358	41675	41694	556	588624	588625
358	41695	41700	560	328643	328656
361	26679	26694	561	400289	400316
362	279280	279316	565 Sub.	414242	
369	457090	457115	565	485607	485699
370	554234		570	541364	541377
370	554199	554282	574	258246	258260
375	513733	513740	574	258281	
377	440485	440513	574	558606	558612
381	532591	532836	581	47181	47193
384	160717	160722	583	298721	298724
392	298260		586	405961	405990
392	298269	298295	588	64171	64185
394	468784	468788	591	334242	334268
394	468790	468800	591	334269	334299
396	469938	470045	594	557880	557920
397	290391	290416	595	441751	441867
402	29999	30000	601	407400	407418
402	615601	615607	608	338519	338560
404	595363	595445	609	543691	543770
406	503142	503150	614	40373	40375
419	456033	456108	616	423561	423617
425	147341	147360	623	540672	540700
430	271701	271709	628	448551	448561
442	489171	489410	631	41621	41625
450	542113	542118	631	41626	41635
460	567609	567615	639	142054	142069

640	557159	557207
644	561646	561750
645	78721	78722
645	78726	78750
645	519601	519673
648	465051	465053
648	465054	465057
658	300274	300303
659	56951	56958
660	459883	459884
660	459885	.....
660	459887	459912
664	513046	513070
664	513071	513105
666	470379	470407
667	529373	529377
667	529378	529385
667	529386	529398
668	339909	339913
668	339916	.....
668	339923	339950
669	521126	521133
675	83577	83600
677	151062	151082
680	257404	257408
682	70272	70289
692	516668	516671
692	516672	516673
696	459106	459110
696	459111	459117
696	459118	459134
697	131722	131750
699	117263	117270
699	117271	117277
702	106429	106457
703	105524	105534
710	100808	100822
712	528635	528647

716	319978	320102
717	61390	61442
718	79874	79878
718	79879	79882
719	92037	92063
722	150338	150331
722	150335	.....
723	233866	233867
723	233871	233905
725	466569	466614
727	574387	574492
728	477048	477067

TELEPHONE OPERATORS.

L. U. No. 1a—508951 to 509760, 505925 to 508001, 509761 to 509830, 607351, 608100, 508913, 506444, 507565, 507955, 5082209, 508370.

L. U. No. 5a—350126 to 350250.

MISSING RECEIPTS.

L. U. No. 43—570820.
 L. U. No. 66—325682, 325691, 392695.
 L. U. No. 67—620858, 859
 L. U. No. 86—409453, 409460.
 L. U. No. 93—446445.
 L. U. No. 104—478613, 478664, 480896, 480898, 480909, 480911, 480923, 480990,
 L. U. No. 1a—509384, 607581, 607639,

607650, 607730, 607772, 607808, 607866, 607996, 608095.

L. U. No. 115 — 384841, 384848 inc., 384850, 851, 854, 862, 868, 869, 870.

L. U. No. 141—160, 154, 155.

L. U. No. 142—504202, 504220.

L. U. No. 152—494155.

L. U. No. 169—563110, 112, 113, 114, 117, 118, 122, 134, 136, 140, 143, 144, 563147, 563152 inc.

L. U. No. 190—386054.

L. U. No. 223—560914, 560925, 560931, 560935, 560937, 560943.

L. U. No. 255—205884, 205878, 879.

L. U. No. 267—519396, 519399.

L. U. No. 280—603619, 603621, 603625.

L. U. No. 308—530124, 530125.

L. U. No. 312—542861.

L. U. No. 315—482289, 482310.

L. U. No. 323—483643.

L. U. No. 335—220998, 220994.

L. U. No. 370—554278, 554281.

L. U. No. 375—513732, 736, 737, 738.

L. U. No. 381—532831, 532835.

L. U. No. 481—616401.

L. U. No. 513—372586, 372596, 372599.

L. U. No. 560—328642.

L. U. No. 595—441831 to 864.

L. U. No. 601—407415.

L. U. No. 675—83589 to 83592, 83597, 83574 to 83576.

L. U. No. 702—106431 to 106440.

BLANK RECEIPTS.

L. U. No. 224—434531.

L. U. No. 465—551208 to 551276.

VOID RECEIPTS.

L. U. No. 7—555701, 555711, 555728, 555756, 555757, 555816, 555822, 555832, 555774, 555768, 555860, 555853, 555859, 555841.

L. U. No. 9—428684.

L. U. No. 17—578396, 578428, 578515,

L. U. No. 36—534166.

L. U. No. 43—570870.

L. U. No. 58—626926, 253338, 253355, 253424.

L. U. No. 61—580757, 580614, 580615, 580693.

L. U. No. 65—540140, 540143, 540188, 540206, 540261, 640268.

L. U. No. 77—550706, 550409.

L. U. No. 5a—350164, 350192, 350198, 350245.

L. U. No. 102—408477.

L. U. No. 103—463479, 601368, 601378, 601387.

L. U. No. 104—478597, 480794.

L. U. No. 1a — 508951, 509031, 509032, 509082, 509122, 509222, 509242,

509265, 509347, 509406, 509425, 509434,

509436, 509449, 509620, 509631, 509632,

509633, 509634, 509653, 509701, 607454,

607548, 607653, 607974, 607748,

L. U. No. 116—572900, 572910.

L. U. No. 124—576825.
 L. U. No. 125—323447, 482, 483, 489,
 501, 632063, 074, 078, 095, 918.
 L. U. No. 142—504241, 504363, 504433.
 L. U. No. 151—533612, 533631, 533641,
 533691, 533816.
 L. U. No. 200—568456.
 L. U. No. 202—582661.
 L. U. No. 213—552972, 553046, 553090,
 553023, 553020.
 L. U. No. 223—560913.
 L. U. No. 283—553603.
 L. U. No. 292—618633, 618634, 618646,

618647, 618652.

L. U. No. 370—554266.
 L. U. No. 397—290410.
 L. U. No. 465—551188.
 L. U. No. 474—412111, 412113, 412135.
 L. U. No. 481—616396, 616464, 616537.
 L. U. No. 499—472150.
 L. U. No. 512—544380, 544383, 544384.
 L. U. No. 534—22436, 22554, 22350.
 L. U. No. 574—558608, 258258.
 L. U. No. 682—70286.
 L. U. No. 717—61406.
 L. U. No. 725—466586.

"WHITE SLAVES" OF THE COTTON MILLS.

The attention of Organized Labor is directed to the splendid struggle being waged for the liberation of the "White Slaves" in the cotton mills of the South. In the city of Atlanta, Ga., in the "Empire State of the South," where Child Labor Laws are the worst in any State in the Union, or in any civilized country in the world, the cotton workers have organized, and revolted against the intolerable conditions imposed upon them by the Fulton Bag and Cotton Co. and under the directions of Organizer Miles are fighting for the elimination of Child Labor, recognition of the Union, and the establishment of a 54-hour work week.

The Fulton Bag and Cotton Co. is supported by the Southern Cotton Manufacturers' Association, and the National Manufacturers' Association, and are resorting to the cruelest tactics in their efforts to break the strike. It has been the rule of this company to hold back a week's wage, and when the workers struck, they had from a week to nine days' pay due; this money the company declared forfeited on the grounds that the strikers left without notice. Credit was cut off at the store, and starvation was immediately upon them. They are being evicted from the company's shacks by hired niggers, and are blacklisted in the mills, intimidated in every possible way to force them back in subjection to the company.

For weeks before the strike, efforts were made by the Employees' Committee to get a conference with the mill officials, but they absolutely refused to meet any committee. Under these circumstances the United Textile Workers of America, the Georgia Federation of Labor, and the Atlanta Federation of Trades have determined to come to the assistance of the cotton mill workers, and make this strike a national issue, the success of which will eliminate for all time the disgraceful conditions of servitude imposed upon the textile workers in the cotton mills of the South.

Much has been written in an effort to describe the abject poverty of the

textile workers in the Southern cotton mills, but neither tongue nor pen is adequate to describe the awful wretchedness of their existence. Men, women and little children, thousands and thousands of them, are in a chronic state of poverty, always on the border of starvation childhood to the grave.

Working in the company's mill, dwelling in the company's shacks, dealing at the company's store, owned body, soul and boots by the company, they are robbed and exploited to the limit. Father, mother and little ones sacrificed to the cotton juggernaut, crushed and broken in mind and body, they are fed to the flying wheels of the cotton mills, and spun into profits for the company.

Organized labor, all men worthy the name, should give their fullest moral and financial support to the fight, and blot out for all time this cruel injustice to the men, women and children in the cotton industry.

THE STRENGTH OF TRADE UNIONS IN MANY LANDS.

This statement shows the membership standing of trade unions of the chief industrial nations for the years 1911 and 1912:

Country.	Union Membership.	
	1911	1912
Great Britain	3,010,346	3,813,973
France	1,029,238	.....
Belgium	92,735	231,805
The Netherlands	153,689	169,144
Denmark	128,224	139,012
Sweden	116,500	121,866
Norway	53,830	60,975
Finland	19,640	23,839
Germany	3,061,002	3,317,271
Austria	496,263	534,811
Bosnia-Herzegovina ..	5,587	5,522
Croatia-Slavonia	8,504	6,783
Hungary	95,180	111,966
Servia	8,337	5,000
Roumania	6,000	9,708
Switzerland	78,119	86,313
Italy	709,943	860,502
Spain	80,000	100,000
United States	2,282,361	2,496,000
Canada	160,120	175,799
Australia	364,999	433,224
New Zealand	55,629	60,622



Correspondence



L. U. NO. 1, ST. LOUIS, MO.

Local Union No. 1, after a long struggle with "hard times," are again on the ascendancy. Things look brighter. Although all troubles have not been eliminated, nevertheless there is more harmony in the ranks. The figures in the election of officers is a manifestation. Brother J. T. Farrell having been elected President by one majority; Brother R. P. Underwood elected Vice-President by thirty-three majority; Brother John Ledbetter was the choice as Recording Secretary by forty-nine votes majority; Brother W. B. Smith Financial Secretary, succeeded himself by the greatest majority, one hundred and seventy-five, being the count; Brother J. M. Thompson was entrusted with the funds of the Local by a majority of eighty-eight over the field. The selection of Business Agent was most interesting. There being three candidates. Brother James McGinnis received fifty-seven votes. Old war horse, Brother Tom Callahan, received ninety-nine, and Brother A. Schading received one hundred and three votes, which elected him.

The Executive Board is made up of the best element of the Local; and my prediction is that good will come from their honest endeavors.

The Wiremen on the Board are A. M. Bradford, H. P. Cherry, Geo. B. Heath, Henry Steineke, and as the President of the Local is also President of the E. B., Brother J. T. Farrell will preside. The Fixture men are Brothers J. A. Averbek and F. A. Price. The Maintenance men's interests are in the hands of Old Dad J. P. "Pete" McLean and John Truehe. The field for E. B. was most numerous, but the vote was so well distributed that none received overwhelming majorities. The Examining Board chosen shows a confidence in past service, as nearly all have served before. The other officers were selected on the same basis, all having seen service before, and their record being good, are to serve another term. No apologies are extended by Local Union No. 1, I. B. E. W. to any other Local of the Brotherhood. As a cosmopolitan body, there is less friction than any I know of. The slogan of the entire Local seems to be "One for all and all for one in the interests of Unionism."

The struggle justifies the result, although many different views are main-

tained by the members. A majority rule prevails. Any member having an idea, submits same, and if not acceptable to the majority, said member has no reason to feel aggrieved, and in very few instances does that occur in No. 1. No suggestion is entirely lost sight of. Some time may elapse, but the matter may come up again under other conditions, and then the defeated suggestion is thought of and good points taken from it, so don't hesitate to express any honest idea that may occur to you. All honest endeavor receives a reward. It may be slow getting around, but it surely gets there. If you don't enjoy it, those for whom you are battling are reaping the benefit. An honest administration is conducive of good to all. Stand prepared to claim your rights under all circumstances. As the robber endeavors to deprive you of your honest earnings, so does some of the employers of labor; therefore, look to your own interests and be prepared to defend yourself and brothers in the movement. The injunction has become a menace to our efforts to receive justice. See to it that the law is so changed that we of the wage-earning class have equal rights. Do not violate the law, but when you find it an oppression to honest endeavor, use every honorable means to have said law repealed or modified. That it may not be entirely to the interests of the minority. The same rule applies to our grand Brotherhood. The laws enacted and verified by the majority may become oppressive to some. Then take hold and have same changed to a basis that will protect and benefit all. The idea of condemning your International officers is ridiculous. The law that they are controlled by was submitted to you in referendum, and accepted. If you can substantiate any charges of violation, none are beyond your reach. You may be, "as the term is applied," one of the most humble members of the Brotherhood, but at the same time remember no law is made to grade our membership. The International President is as amenable to the law as you are. Don't stand back and growl if you are honest in your convictions, and feel you have been aggrieved by any officer, it is up to you to secure conclusive proof and, in accordance with the law of the Brotherhood, proceed. Have no fear of lack of support if you are satisfied your actions are justified. This matter of snap judg-

ment has retarded our movement, and officers. When men are anxious to accomplish an object, "if it is honest," they always ask assistance. The girls made their request for assistance, and at the same time went into the fight for themselves. You of sterner stuff, should follow their example. As all members are now receiving *The Worker*, don't let a page pass your scrutiny. Then you will be posted on conditions as they are. Your enemies have their stoolpigeons in your ranks. Watch them, and as you get proof positive, deal with them so as to make an example for all that may try the same nefarious methods in the future. Don't be too ready to condemn. Assistance is what you are seeking; be willing to impart like.

As the day we celebrate has passed, let us look back and see how it was gained, and take heart and work for one grand International Brotherhood of **Electrical Workers**.

Always ready to serve, I am,

Yours fraternally,

Baldy.

L. U. NO. 5, PITTSBURG, PA.

Local Union No. 5 I. B. E. W., sends greetings to all members of the Brotherhood. Work here in Pittsburg is very slack, both inside and outside, and we want to warn our brothers abroad, that we have unfurled the red flag over the door, as a danger signal not to approach us, our city has come to a crisis as is manifested by the army of employed, and if any of our outside brothers had intended to invade our city had better take a little tip from father and postpone their trip indefinitely. We cannot at present state when business will pick up. The election of officers held recently was one of the most exciting events ever staged in our Local. It was like old Gen. Sherman said about the war. Some of the members occupied their time, by working for their candidates, because they wanted to learn the tricks of a politician. Long before the polls opened a crowd had gathered eagerly awaiting to cast their ballots. What attracted most attention was the office of Business Agent, with M. P. Gordan and W. H. Carpenter as candidates. The following officers were elected:

President, F. J. Willenbart.
Vice President, H. E. Kennedy.
Recording Secretary, T. J. Keilhacker.
Financial Secretary, H. McDougal.
Press Secretary, J. H. Palmer.
Treasurer, J. F. Wynn.
Trustee, Jos. Heller.
Examining Board—H. L. Kluppell.
Examining Board, H. M. Thomas.
Examining Board, W. H. Carpenter.

Business Agent, M. P. Gordan.

Foreman, E. P. Richie.

Inspector, Henry Entricken.

Inspector, J. J. Golder.

Advisory Board, J. R. Williams, H. McDougall, W. H. Rapp, T. J. Keilhacker, S. D. Young, J. W. England, C. C. Freidman, J. H. Palmer, H. M. Thomas.

Representative to McKeesport Central Body, H. L. Kluppell.

The Local has adopted the following working rules:

Working Rules.

Governing the Members of L. U. No. 5 International Brotherhood of Electrical Workers.

Rule 1. Eight hours shall constitute a day's work, between the hours of 8 a. m. and 12 m. and 12:30 p. m. to 4:30 p. m., except Saturday, when the hours shall be from 8 a. m. to 12 m.

Rule 2. The wages for journeymen wiremen shall be 57½¢ per hour from July 1st, 1914, to July 1st, 1915; 62½¢ per hour from July 1st, 1915, to July 1st, 1918, and 68½¢ per hour from July 1st, 1918, to July 1st, 1919. The wages for apprentices shall be as follows: Second year apprentice, 25¢ per hour; third year apprentices, 28½¢ per hour; fourth year apprentices, 34½¢ per hour.

Rule 3. All job foremen shall be members of this union and if in charge of eight or more men, shall receive 50¢ per day additional to the above scale.

Rule 4. Members, when working in the city limits, must report on job and be ready for work at starting time, 8 a. m., unless when ordered to report at shop. When working outside the city limits they shall take train or street car that will arrive at point 12 miles from Union Station the nearest starting and quitting time.

Rule 5. Employers are to pay all car fare in excess of fare from home to shop or from home to job within the city limits.

Rule 6. All members working outside the city shall receive from the employer all actual living expenses and car fare in excess of actual living expenses in the city.

Rule 7. All over eight (8) hours per day and Saturday afternoons shall be paid time and half time until 12 p. m. Time after midnight to 8 a. m. shall be paid double time. Sundays and all holidays shall be paid double time. Holidays are as follows: Memorial Day, Fourth of July, Thanksgiving Day, Christmas Day. There shall be no work performed on Labor Day unless absolutely necessary.

Rule 8. Employers shall furnish a complete set of tools required for all

manner of electrical construction or repair work, including a complete set of wood drills from $\frac{1}{8}$ " to $1\frac{1}{4}$ ", and expansion bit, pliers, wrenches, screwdrivers, chisels, hammers, standard reamer and hack saw frame. Employers are to furnish all tools for conduit larger than 1 inch, and all stocks and dies, including all large drills, wrenches, vises, pipe benders, hack saws or cutters and all ladders, ropes or tackle required on job.

Rule 9. Journeymen are to be held responsible for all tools taken from shop, provided locker or tool box is furnished by employer for job.

Rule 10. The Business Agent of this union shall be allowed access to any building at any time where members of this union are employed.

Rule 11. Each contractor shall be entitled to one (1) registered apprentice where he has employed an average of two (2) journeymen the preceding year; two (2) registered apprentices where an average of seven (7) journeymen have been employed the preceding year; three (3) registered apprentices where an average of fifteen (15) or more journeymen have been employed the preceding year. No apprentice shall be registered over twenty (20) years of age, and must be registered after thirty (30) days' trial by employer, and no apprentice shall assume the duties of a journeyman or work without a journeyman.

Rule 12. No member of this union shall be allowed to work with non-union Electrical Workers or for any employer employing non-union Electrical Workers or apprentices not registered with this union. This applies only to the jurisdiction of this local, and if a member of this local is sent out of this jurisdiction in charge of work, he shall employ members of the I. B. E. W. of that jurisdiction.

Rule 13. Any changes in wage scale or working rules requires twelve (12) months' notice before the expiration of this agreement shall be given by either party thereto.

Rule 14. Any member told to report for work shall be paid not less than one-half ($\frac{1}{2}$) day's pay, unless later notified not to report, previous to starting to shop or job.

Rule 15. No member of this union shall be permitted to do contracting work.

Rule 16. Any member of this union who shall be promoted to the position of superintendent, must take out a withdrawal card or tender his resignation to the union, and he shall be eligible for membership therein on application as soon as he no longer holds such position. Said superintendent shall have

the privilege of assuming charge of any job should occasion arise or necessity demand it.

Rule 17. Any and all disputes or misunderstandings which may arise under the foregoing rules between the employer and member or members of this union shall be settled by the employee and representative of this union within forty-eight (48) hours; these two parties failing to adjust the question, they shall agree upon a disinterested party within the specified time, whose decision shall be final. There shall be no cessation of work tending said decision.

Rule 18. Members shall receive their pay once each week in cash before quitting time.

Rule 19. The members of this union are to be held strictly responsible for all defective, careless and slovenly work performed by them, and all such defects must be made good at the expense of the party performing same. For a member's failure to do this, or for other infractions of the foregoing rules, this union shall be held responsible and shall be governed by Section 16, Article VIII of the Local Union by-laws.

Rule 20. These working rules to remain in full force from July 1st, 1914, until July 1st, 1919, and if there are no changes desired by either party these rules to remain in force for another year.

Rule 21. The scale of wages for all other than Electrical Contractors shall be \$1.00 per day more than the above scale.

I am in favor of a question and answer space in The Worker, but give us practical dope. Well, I was disappointed in not seeing nothing in The Worker from the Ladies of the I. B. E. W. as the most successful strike that was ever pulled off in the Pittsburg district was led by a women, I must close.

Yours fraternally,

J. H. Palmer,

Press Secretary.

L. U. NO. 22, OMAHA, NEB.

Editor:

Just a few lines to The Worker, to let the Brotherhood know that L. U. No. 22 is still doing business and adding new members right along. Business is rather slow here yet, as we have several members out of work. We are receiving calls once in a while from some of Auntie Fitzgerald's followers, but most of them are ready to join the right and only Brotherhood as soon as they land a job. Fitz has made a big bluff about calling out the Bell Telephone Company's men,

but the company only laugh and say that they have no support. Now that is one of the best reasons that could be expressed and one that all true union men should look at from all sides—if you have no support, get in the fold where you have got it, and then the Bell company or any other company will sit up and take notice.

There is some complaint from the Brothers about not getting *The Worker*, but the writer thinks that the I. O. will get that straightened out in due time, and we will receive the little book earlier.

We hope to have more of interest in the near future, but think all Locals should have a few lines in *The Worker* every month, as a guide to the traveling Brothers, so they will not be going where there is nothing to do.

Yours fraternally,

J. P. Brown, Press Sec.

L. U. NO. 34, PEORIA, ILL.

Editor:

Peoria Local Union No. 34 has been very busy after the scalp of the distilleries of Peoria and vicinity, and it looks very much like we can make it if we can get a little aid from other Local Unions, especially those where prohibition is an issue in the coming elections of their city or state. I would like to hear from some of the Local Unions where such is the case. The distilleries of Peoria keep about ten or twelve rats going the year round, and we are very anxious to connect with them.

Brother Roy Calhoun, from Local Union No. 69, dropped in on us last week, just to tell us what a bum town Peoria was. We don't get many professional floaters this way, but, boys, the town is yours when you do come. However, we haven't much to offer you in the way of jobs, but I'll assure you, you won't go away mad.

Get in *The Worker*, Brother O'Leary, of Local Union No. 26, and tell us how things are down in Washington.

With the best wishes of Local Union No. 34.

Fraternally yours,

Chas. J. Cooper, Press Sec.

L. U. NO. 61, LOS ANGELES, CALIF.

Local No. 61 held their annual election on June 25th, the regular election heretofore took place in December, but on account of the recent amalgamation on this coast, the election was set ahead six months. This gave all members a chance to help select the man to represent the reunited electrical workers for the coming year. It is now expected that a better feeling will prevail and a greater effort will be put forth for solidarity.

The following officers were elected for the ensuing term: President, J. R. Jackson; Vice President, W. A. Peasley; Financial Secretary, H. L. Loomis; Recording Secretary, J. S. Reif; Treasurer, W. C. Hall; Trustees, B. Poland; F. Schusterman and R. Snyder; Executive Board, J. Stephens, J. T. Rundel, Harry Reinhart and H. Bristol; Press Secretary, Foreman, Fred Davis; Inspectors, E. H. Reinhart and H. Bristol; Press Secretary, A. E. Danielson; Business Agent, Harry Greene.

There was a lively contest for Recording Secretary and several ballots were necessary before the judge and tellers announced that the old Secretary had been re-elected. The first officer to be elected was that of President and to all the members' surprise the nominees resigned one after another until no one remained on the ballot. Right here it looked like the meeting was to be bolted and some thought that the steam roller had started to do business, finally the nominations were opened again and after one of the old timers, J. R. Jackson, who refused to run, was again placed on the ballot and was elected to the highest office in the organization by a big majority. Jack is a past President and quite well known throughout the Brotherhood.

The main fight centered around the Business Agent and here was where the political fireworks made its best display. There were two favorites, Red Doran and Harry Greene, and it took two ballots to elect. The vote was close and on the last ballot the result showed that Greene had received 41 and Doran 37. Harry Greene, the new representative of Local No. 61, is well known here and in Portland, Ore., for his honesty and square dealing. He will use his best efforts to build up the organization and make an endeavor, with the co-operation of all the members to keep harmony in our ranks.

On Thursday, July 2d, the new officers were installed by D. W. Bechtol, Vice President of the Fourth District, P. D. C. No. 1, there being no past President's present. Everything has started off fine and we expect to put forth renewed energy to organize the Electrical Workers here. We did some legislation along the lines of local by-laws at this meeting and after about three hours discussion adopted a new set, which only comprises about ten articles—it being the idea of the by-law committee to have the local laws short and to the point and let our Constitution be the guide.

Working conditions here are about normal, the Sierra high line is still going along under closed shop conditions.

An effort has been made several times to cause trouble on this job but indications are that everything will be O. K. from now on. It is very hot, about 130 degrees in the shade down on the El Centro end, in the Imperial Valley country and the boys don't stay very long, under the conditions. The inside work here was very slow for the month of June and indications are that it will be the same for July.

O. H. Biben, who had his leg fractured in a fall at Burbank, Cal., is getting along all right.

Brother G. S. Barton had an operation performed on his head and is doing well.

Anyone knowing the whereabouts of Lawrence J. Carter and also Geo. Henderson, will please communicate with the Press Secretary.

Oliver Myers and W. J. Kelly are now working in this territory trying to still keep up discension. We have evidence that some underhanded work is being played and want all those bearing the Myers-Kelly brand to know that Local No. 61 and Organized Labor will not stand for any of their dirty deals and we will go to limit to protect the Brotherhood.

Fraternally yours,
A. E. Danielson,
Press Secretary.

L. U. NO. 69, DALLAS, TEXAS.

Editor:

It affords me great pleasure to have the opportunity of writing a few lines to The Electrical Worker about the existing conditions of Local Union No. 69.

It has been the custom of this Local Union to have their new agreement ready to present at least thirty days before the expiration of the one in force, and as our last agreement expired with the last day of December (which, according to my estimation, is the worst time in the year to have one expire), our agreement committee met from time to time with the contractors, trying to come to a peaceful settlement of our differences.

Inasmuch as we have experienced no trouble of any kind for several years past, and thinking the contractors would remember from past experience that there is no money in strikes, the majority of our members were of the opinion that the agreements would be signed, as the personal relations between all parties were the most cordial at all times.

On the last night of December, we held a meeting and decided to strike, and it gives me one of the greatest pleasures of my life to state every man whose

employer did not sign up stopped work and remained loyal to our Local Union the entire thirty-five days we were out.

We never lost a single man. The contractors claimed that if we would withdraw and not affiliate with the splendid Building Trades Council which all organizations have built up and which gave us so much assistance, that we could easily adjust all other differences to the entire satisfaction of both parties.

We were out about two weeks when Vice-President J. P. Noonan, whom we are so much indebted to, made his appearance on the scene, and through his faithful and untiring efforts, with the assistance of our committee, brought about an arbitration, the results of which I sincerely believe is the best agreement we have ever worked under in the South-west.

We are becoming so accustomed to fighting for our rights here in Dallas the past few months, that when we get one matter settled something else comes up to keep everybody in practice. At present we have the Curb-Stone contractors or the basket man who takes the small jobs and the block plants. The former has been a pest for many years, but the latter has just started of late. We have two block plants to contend with, and they are a great detriment to our organization as they do all cleaning and repairing of fans and motors as well as all other maintenance work necessary to keep things moving, and after taking into consideration the large blocks in the heart of the business district where these plants are located, it means a great loss to members of L. U. No. 69, but I believe in time to come we will win out and be masters of the situation.

At our last meeting we heard the lengthy report of Brother H. E. Cooper, who represented Local Union No. 69 in a most able manner at the Texas State Federation of Labor, at which he was successful in introducing two resolutions in our behalf.

Labor conditions in this vicinity are excellent, however, we have no large jobs going on at present, but the prospects for the near future are fine.

Trusting this letter will find all Locals enjoying the best of prosperity, I am,

Fraternally yours,
O. O. Harper,
Press Secretary.

L. U. NO. 103, BOSTON, MASS.

Editor:

I hope you will find room for my first letter to The Worker.

Local No. 103 went gunning for a Press Secretary, and I was the victim selected to be slaughtered, and from now

on I will try and keep the Brotherhood informed as to the doings in old Beantown.

We have just gone through one of the closest annual elections this Local has ever experienced. We had a contest on for every office except that of President. The total membership turned out in full strength, and the interest shown would remind you of a Boston mayoralty contest. We were on the firing line for our respective candidates, and after the smoke had cleared, we found we had elected a very efficient set of officers. The make-up for the ensuing term are: President, Martin T. Joyce; Vice-President, Jos. P. Teaffe; Financial Secretary, Frank L. Kelley; Recording Secretary, Herbert C. Deans; Press Secretary, Geo. E. Capelle; Treasurer, Theo. Gould; Business Agent, E. L. Dennis; Assistant Business Agent, John T. Smith; Executive Board, E. L. Dennis, G. E. Capelle, J. T. Kilroe, H. Porter, H. A. Smith, H. Vinton, D. S. Josie, E. C. Carroll, F. S. Kelley and M. T. Joyce; Conference Board, E. L. Dennis, J. T. Fennell, S. J. Murphy, W. J. Roberts and J. E. Nichols.

On July 1, 1914, our new graduate wage scale went into effect—60 cents per hour on July 1, 1914; 62½ cents on July 1, 1915; 65 cents on July 1, 1916. All the large shops have signed up, and a few of the smaller ones, who will when our committee will be able to reach them. But at this writing no trouble is anticipated. I wish to say the outlook in regards to work is not very promising. One of our large contractors has about fifty men sitting on the bench. I should say we have about 20 per cent of our Local walking the bricks. It would be wise for our traveling brothers to steer clear of Boston for a while. We have a hard job looking after the natives.

Salem, a city of 50,000 inhabitants, about eighteen miles from here, had a \$12,000,000 fire which wiped out half of the city, including the manufacturing section, but mostly the residential section. There are about 6,000 people who are homeless and unemployed. They are provided with tents and receive food and clothing from the relief fund. The work of building up the city will not commence for some time, as many manufacturing concerns that were burned out have selected new locations in other cities. So it looks as if there will not be much work in our line, as the residential section is of the poorer class, where an electric light is a luxury.

Saturday, June 27th, all the Boston Locals held a monster field day for the benefit of the Peter F. Lennihan fund, and a goodly sum was netted. Games and sports were hotly contested by the members. President Martin Joyce made

a successful parachute jump from a balloon at an elevation of 125 feet. Pie-eating contestants were: Agent Jack Smith, No. 103; Agent Garrick, No. 104; Agent Mike Brown, No. 503; Joe Fitzgerald, No. 396. Mike Brown easily won the contest. When it comes to eating pie, Mike is the undisputed champion.

Auto contest for members was won by Agent Dennis in his new Packard..

Girls' base ball game, made up of members of Local No. 1A, was won by the Maplewoods. Miss Clougherty, who pitched for the winners, will be playing with the Federal League if she continues with such effective twirling. President Annie Malloy played a good game at shortstop, and May Matthews is some second basewoman. Brother McCarron, of No. 396, was umpire.

In the tug-of-war contest, Local No. 104 defeated Local No. 103. At the next outing, No. 103 will be pitted against Telephone Local No. 1A where they will be better matched than against the line-men.

Andy Johnson and Steve Murphy, of convention fame, had charge of the games. Miss Alice Donovan, of Local No. 1 a, and Jimmy O'Donnell, were very efficient vendors of hot dogs. But the only trouble, Jimmy ate so many that he spoiled the profits.

Every Local should put their shoulder to the wheel, and help the fund. The late Brother Peter Lennihan was a good organizer, and we lost him. See that his wife and children will be cared for. Every little bit helps to boost the good cause.

I will close now, so as to leave room for other Locals. With best wishes for a prosperous summer, I beg to remain,

Yours fraternally,

Major Capelle,

Press Secretary.

P. S.—I hope Baldy will notice this letter, and if he don't like this one, I will construct a better one for next month.

L. U. NO. 110, ST. PAUL, MINN.
Editor

I herewith enclose a copy of a letter sent the Special convention committee of Local Union No. 61, and I would be pleased to have you run same in the Worker.

Trusting our request will be granted, and with best wishes, I beg to remain,

Fraternally yours,

Frank Fisher,

Business Agent Local Union 110.

June 22, 1914.

Special Convention Committee,

Los Angeles, Cal.

Dear Sir and Brothers:

Your circular letter of the 12th re-

ceived, and I have been instructed by Local Union No. 110 to notify you that we see no necessity for a special convention to be held at this time, as our regular convention is only a little over a year away.

Our Brotherhood was never in better shape than what it is now, and if you personally don't like some of the officers there is no reason why we should spend fifty thousand dollars to satisfy one Local Union and a few members of said Union.

I think the Local Unions of this Brotherhood, at least a majority of them, have went through a sufficient experience to teach them not to follow any bunch hollering for a special convention again. This I think fully expresses our sentiments on this question to you, and that you may know that we are not in sympathy with you, and will do all in our power to defeat your unpopular move. It occurs to me that if your Local Union would spend your money and time in taking care of your Local conditions it would serve to a far better purpose than sending out a bunch of bull trying to widen the breach further than what it now exists in our Brotherhood.

Fraternally yours,

Frank Fisher,

Business Agent Local Union No. 101.

L. U. NO. 141, WHEELING, W. VA.

Editor:

The brothers have expressed a desire to have a letter in The Worker to let others know that Wheeling is still on the map, and that Local Union No. 141 is rounding up every man in Wheeling and vicinity who in any way handles electricity.

The injunction that the Bell Telephone got over the linemen is still hanging fire, and we wish very much that other Locals might help us pay off the costs of said injunction in order to release the property of several of our worthy Brothers. We are doing all we can to that end. In the meantime Local No. 141 is caring for the linemen.

Lively interest was manifested in the recent election. Following are the newly elected officers:

President, Joseph A. Armstrong; Vice-President, A. L. Larver; Recording Secretary, E. H. Hagan; Financial Secretary Wm. G. Lynn; Treasurer, George Carye; First Inspector, Harry Brandfass; Second Inspector, Albert Hottmann; Foreman, Ed Meagle; Trustee, three-year term, John Reinocher; Custodian of Hall, J. A. Armstrong; Press Secretary and Reading Clerk, H. G. Eastwood; Executive Board, E. S. Gould, Geo. Carle, E. H. Hagan, J. Reinocher and Wm. G. Lynn; Inside Examining Board, S. S. Gould, J. K. Thompson and A. L.

Sarver; Linemen's Examining Board, Brothers Ford, Seongal and Joyce.

Wheeling and vicinity has experienced a prosperous year, but just at present things are rather dull and will be for a month or two.

With best wishes to the Brotherhood, I remain,

Sincerely yours,

H. G. Eastwood,

Press Secretary.

L. U. No. 141, I. B. E. W.

L. U. NO. 246; STEUBENVILLE.

Editor:

Just a few lines from L. U. No. 246, to let the members at large know that we are still in existence, after six or eight years of darkness.

In the past month our Local had good reasons for being affiliated with the old organization, as we were on strike with the light company.

The Jefferson County Trades and Labor Assembly took hold of the situation, together with Brother L. C. Grasser, I. V. P., and the trouble was arranged satisfactory to all concerned.

By the time this letter is published we hope to have our rival Local affiliated with us, which heretofore has caused a good bit of contention.

At this time, in behalf of L. U. No. 246, I wish to thank the I. O. for sending Brother Grasser to us to settle up our labor troubles, for without his guiding influence something would have happened, and as it has turned out so satisfactory we feel that we owe Brother Grasser more than we ever can pay him. It was my pleasure to be associated with him for the past three or four weeks, and I can truthfully state that his actions with the company and in court were as near perfect as any million dollar lawyer. I am enclosing his opening and closing address to the arbitration board, which I think should be published, as I only send a few of the remarks which I think would be beneficial to the Brotherhood at large.

We have a closed shop agreement covering close to 75 miles of territory, practically the whole Ohio Valley.

In closing, will state the increase in wages ranges from \$6.00 to \$26.00 on the month. Again thanking you and wishing you success, I am,

Fraternally yours,

E. D. Richards.

L. U. NO. 410, CALGARY, ALTA.

As you have been asking for letters for The Worker, telling of conditions, etc., I have been entrusted to write one. Perhaps a number of you have heard of the oil strike near Calgary and would

think that "things" should be booming. Well, they are very much the reverse, at least as far as our work goes. Work is very slack, only a very little building going on, and very poor prospects of there being much before next year, anyway.

A number of buildings are being held up for lack of finances, the money having been invested in oil stock and oil companies. We hope that eventually the oil will help things greatly, but at the present time it is holding things back. Every one is putting their interest in oil. Calgary has had a slack time for a year or more, the same as the rest of the country, but since the first of the year there has not been enough work to keep more than 25 per cent of our members working, and to that add the fact that from 25 to 50 per cent of our membership a year ago have left town. So, if you are thinking of coming this way, bring plenty of money and a paid-up card along, for you can't expect to get work.

Yours fraternally,

S. W. Batheir,
Rec. Sec. No. 410.

L. U. NO. 419, NEW YORK, N. Y.

Editor:

I am sorry to inform the Brothers that business is still awfully dull in this city in all lines; in fact, the times are worse than we have ever known them to be before. Very few of us are working full time. I would much rather be able to say there is work for all and welcome, but at present I would not be justified in saying so, and there is no use in putting forth false hopes. No one would welcome a traveling brother more heartily than we would if we could put him to work, but when there is very little chance of getting employment it would be a crime to encourage anyone to come here. It is very distasteful to me to have to write this, and I do so only to forewarn all brothers as to what they will be up against if they do come here. A great many have the idea that there is work for all in a big city like ours, but they never made a bigger mistake, because as soon as business is dull everybody flocks to New York, and this makes conditions for work worse than where they came from; but it seems to be an accepted fact that every cloud has its silver lining, so sooner or later we may expect better times.

With best wishes to all the Brothers,
I am,

Yours fraternally,
J. W. Smith,
Press Sec., L. U. No. 419.

L. U. NO. 481, INDIANAPOLIS, IND.

Editor:

Local Union No. 481, of Indianapolis, Ind., has not contributed to The Worker for a long time, and at our last election revived the office of Press Secretary and put me in to carry out the duties of that office.

We have no excuses to make other than we have been so busy in our own Local that this office has been overlooked.

Work here, as most everywhere, is very slack, and many of our members are losing time. Several of the brothers have left the city to try to better their conditions.

We have practically closed shop conditions here and our aim has been to prove to the contractors that they can get along better under those conditions than any other. We have convinced them, too.

I will try to scrape up some news for my next letter, but this duty coming up so unexpected caught me unprepared.

With best wishes to all, I remain,

Yours fraternally,
Roger Lawton,
Press Secretary.

L. U. NO. 711, LONG BEACH, CAL.

Editor:

Things are rather dead here but will try to get the usual letter in even if there is nothing in it. Work has went from bad to worse here and our boys are having a hard time of it, but you know how it is sometimes it will be simply rotten for six months and then change right around and be twice as bad, so cheer up, the worst is yet to come. I would advise all brothers to stay away from here as there will be nothing for a couple of months either inside or outside and there are no free lunch counters in this burg or fruit to pick, in fact if you eat here you have to tote the lunch or the money. The weather is fine but makes poor eating. The Ried faction have had abunch of men down here (Kelly & Co.) trying to make the linemen believe that the inside men are a bunch of rumes and belong to the plumbers anyway and trying to get them to believe that the Ried faction will keep the linemen and McNulty the inside. They claiming that the McNulty charter was framed for the inside man and to give the outside man the worst of it. And while we have as large or even larger a bunch of these bone heads as any other locals our size I don't think that we have very many with quite dense enough dome to fall for that kind of bunk. Kelly is at the present not getting members for the

Ried, he is making scabs because those that do believe him simply throw up their cards as they say that there is no more unions. He has been here trying to get a bunch of exmembers and he can't even land them.

Hoping to see things pick up soon in the work line, I remain yours for the good of the Brotherhood,

R.S. Prest, P. S.

L. U. NO. 728, MILWAUKEE, WIS.

Editor:

Local No. 728, Milwaukee, Wis., held its first regular election of officers since the arrival of its charter. The officers elected were as follows:

President, F. W. Radhe; Vice-President, P. Geharz; Recording Secretary, L. B. Allen; Financial Secretary, W. G. Slimkruss; Press Secretary, J. Harowitz; Treasurer, S. Rabuchin; Inspectors, O. Lee and W. Wing; Foreman, A. S. Knapp.

The charter members thought that we would do better by letting the new members hold some of the offices, that is,

complying with the constitution. Can let you know that our Local had a little trouble at first in gaining members, but after hard work at all our spare time, including Sundays, we would go and campaign for new members.

It was an uphill fight, as there was a Fixture Hangers' Local here about ten years ago, and they failed on account of members worrying about their jobs, but we put our shoulders to the wheel, and we have all but about five men in the business that are not in yet, but we will get them soon. We have already closed two shops in this short time, and hope to get the rest before the year is over. We had a few big jobs where quiet a few went to work at a pretty good scale, and that was a drawing card. Part of this credit is due to Local No. 494, of the Wiremen, which they were of great assistance to us in helping us run our meetings until we got on our feet.

Well, I think I have written enough for my first letter, but will write more later.

I remain fraternally yours,

Jack Horowitz,

Press Secretary.



Foreign Labor News



Australia—The lesson learned from the great strike in New Zealand and on the Australian continent has given new impetus to the attempts which are being made to establish a Interstate Federation of Labor. Several conferences, at which almost all great unions were represented, expressed themselves in favor of some such plan, especially as the present state of affairs is continually leading to collisions, small and important groups often taking action which involves the whole movement. A similar project was set in motion during the past year by the trades councils of the capitals of the various states, and it is only to be hoped that both plans might be combined in order to establish a consolidated Australian Federation of Labor.

An interesting conflict between the labor party and the labor government is reported from New South Wales. The abolition of the Upper House is the first demand of the labor party. Upon the government falling into the hands of this party, they demanded that their members should appoint such a number of labor members to the Upper House

as would enable them to abolish this house themselves. The government is prepared to do this, but very decidedly refuses to meet their other demand, that the government send the members proposed by themselves to the Upper House.

Belgium — A great legal action against fifty-eight "strike leaders" of the seamen will begin on June 23d, in Antwerp, in connection with alleged attacks upon personal liberty. Not only has it required two years to prepare the charges, but also witnesses and complainants have had to be sought by means of placards in order to obtain sufficient material with which to proceed against the leaders of the Seamen's Federation. There was naturally a great number of strike breakers who felt themselves to have been molested when the seamen were fighting the organization of the Belgian Ship-Owners for practical representation on the labor exchange.

They had entered into an agreement with the English shipping owners, according to which the latter may draw their supply of labor through the office of the organization, and then only organ-

ized men, while the Belgian ship-owners had decided to establish their own exchange in order to overthrow the organization of the seamen. In the charge it is stated that the organization applied "terroristic" tactics and have supported special strike pickets for the purpose of annoying the strike-breakers.

Canada—The Empress of Ireland, which recently sank carrying about one thousand souls to their graves, was manned by a crew organized throughout. The trades unions concerned have decided not only to grant the usual benefit to those left behind, but also to provide for the widows and orphans.

Holland—The Seventh Congress of the Dutch Trades Union Federation will take place in Amsterdam on July 20 to 22. The Agenda contains the following points: Insurance against unemployment, invalidity and old age provision, etc. The development of the affiliated organizations is most satisfactory. On April 1st of the present year there were 87,734 members in 1,084 sections, as compared with 79,327 on October 1, 1912. The greatest unions are those of the diamond workers, with 9,917 members, the municipal workers with 6,991, the cigar makers with 6,211, the carpenters with 5,930, and the metal workers with 5,799.

Italy—In the year 1912, 914 strikes, involving 144,124 workers, were conducted in industrial concerns, as compared with 1,107 strikes with 252,853 participants in the previous year. Of the strikers, 13,100 are engaged in the building trades; 11,500 in ship building; 4,300 in the brick making; 5,100 in the polygraphic trades; 6,100 in the silk industry; 7,100 in sulphur mines; 11,500 in navigation; 11,500 in the tramway service; 9,400 in mechanical engineering, and 7,300 in state works; 15.5 per cent of all strikers resumed work with complete success; 18.5 per cent with

compromise, and 33.5 without success. There were 176 strikes with 95,841 participants in agriculture, as compared with 140 strikes with 132,738 participants in the year 1911; 20 per cent of the strikers emerged with full success, whilst 26.8 per cent compromised.

Hungary—In the year 1913, 278 economic movements were conducted, of which number 163 ended without stoppage of work, while in 133 cases the strike was resorted to, and in 42 cases the workers were locked out. Of the 29,205 workers involved in the movements, 11,862 went out on strike, 8,086 were locked out, and 9,337 obtained satisfaction along peaceful lines. A reduction of the working of 9,661 hours per week for 2,333 workers, as well as an increase in wages of 8,900 kronen per week for 3,463 workers was secured by peaceful means; 375 workers received an increase in wages of 611 kronen after having been locked out.

South Africa—The government of Cape Province has endeavored to introduce the compulsory registration of all domestic servants, regular medical examination and compulsory transferrence to a hospital upon its being ascertained that such servant is suffering from infectious diseases. Since, however, this would have constituted an exceptional law against the black population, the latter instituted a protest movement and have held public meetings opposing this bill. The government then withdrew its proposition, stating that they wanted to ascertain the public opinion in connection with his question. Botha, the Premier of South Africa, discovers new means of checking the labor movement every day. Since the workers have scored such successes in the Provincial elections, Botha has introduced a law for the abolition of these diets. Further, only those persons with property to the value of 200 pounds may vote in the South African Parliamentary elections.



Reports of Officers .. and Organizers ..



To the Officers and Members:

Greeting: I had a conference with Mr. E. K. Hall, Vice-President of the New England Telephone and Telegraph Company, on two cases that were in the hands of the conference boards that we wanted a decision on them as they both looked like discrimination on the part of the company. One was Miss Katherine Coyle, President and member of the

conference board of Local No. 5 A of Worcester, Mass., and the other was Miss Marion Brickford, Financial Secretary of Local No. 7 A, of South Framingham, Mass. He promised to give them both personal attention and to come to a decision by the next meeting of the conference board.

The employes of the Telephone Company in the contract. adjustment and

traffic departments who where former operators and plant employes were the ones the company were relying upon a year and a half ago in case of the operators going on strike, so when I came back in this vicinity after the convention I got in touch with as many of them as possible with a view of organizing them, and after four months' work, holding meetings and conferences, I installed into Interdepartmental Locals one hundred and eleven men into Local No. 202, and forty women into Local No. 8 A. The company, on hearing of the organization, got busy and gave some departments a raise of two dollars a week, and are giving them all next week an outing, closing all the offices for the day and hired a steamer for them for the day. This is the reason we did not get a larger number to join, but the setback is only temporary, and with a little hard work from all hands, Local No. 202 will have over four hundred members, and Local No. 8 A two hundred members, and as well will give us a concrete organization with this company.

I attended the Executive Board meeting of Local No. 103, to take up the complaints of Locals No. 377 and No. 714.

I attended with Organizer Wm. Godshall, the meetings of the Federation of the New Haven & Hartford Railroad and the New England District Council.

The adjustment board reported to me that the Telephone Company had adjusted Miss Brickford's case and stood by their action on Miss Coyle's case. I then went to see Mr. E. K. Hall, and told him we were not satisfied with the company's decision in Miss Coyle's case, and after a lengthy conference he agreed to reopen the case, have his conference board, ours, and myself have all parties interested as well as witnesses appear before us, and have a public stenographer take all the notes and furnish us with copies. We held this hearing in the company's Boston office, taking up one whole day. There was over one hundred and fifty pages of testimony which the company and our conference board has been reviewing and will render a decision on this week, from the testimony I feel sure we have proved our contention, the company paid all time car fares from Worcester to Boston and the stenographers' bill. I will report the final outcome in my next month's report.

I attended the meetings of Local No. 1A, No. 2A, and No. 377. Went then to Haverhill, Mass., for three days to assist the Business Agent of the Building Trades who represent No. 470 in that city in straightening out the men working for the Telephone Company; also saw some of the Light Company's men. Attended Local No. 470 meeting, at which we took in nine applications.

Went to Providence, R. I., and attended the meeting of Local No. 99 of the other side. I addressed them, and they will consider the question of coming over when we have the returns in from our referendum vote on what terms they can reaffiliate with us.

I came back to Boston and went before the State Board of Arbitration and submitted to them copies of our agreements from our Locals in the different cities in Massachusetts, as they are trying to bring John Coughlin, a large electrical contractor of Worcester, who is running open shop, to come to terms with Local No. 96.

I attended meetings of Locals No. 247, No. 8A, and No. 202, as to the General Electric Company in Lynn, Mass., the Organizers of the different trades, and I have decided to try a new plan in trying to organize the employes of this plant, which we will start on in a week. This is about all of my actions outside of routine business.

With best wishes, I remain,

Faternally your,

G. M. Bugniazet, I. V. P.

THE LINEMEN.

They're some of the many unknown to proud fame,
But 'mongst the most daring that history can name,
Laughing at death as he flies on the wind,
Flinging his foul, stinking breath far behind.

A-top the high poles must they cling like sharp burs—
The dare-devil boys with the belt and the spurs.

They stick to the man who is one of the trade,

So long as he's trusty and unafraid,
And then, when a fellow has lost all his sand,

They're first and they're foremost to lend him a hand.

They easily kindle with pity's sweet fires,
The generous boys with the belt and the pliers.

They're surely a rough and a boisterous crowd;

They yell when they talk, and laugh right out loud.

They're regular devils on top of the poles,
But dance with the best when the soft music rolls.

No matter how slippery the floor, they don't fall—

They truly are toffs at the annual ball.
They've trained well their fingers, and likewise their toes—

These boys with the candy that everyone knows.

M. F. Birmingham,



Miscellaneous



LABOR ORGANIZATION IN CANADA, 1913.

The third annual report on labor organization in Canada, covering the year 1913, has been issued by the Department of Labor. At the close of 1913 the numerical strength of organized labor in Canada stood approximately at 176,000, an increase of nearly 16,000 over the figures at the close of 1912. The estimated membership for each of the three years during which reports on organized labor in Canada have been issued as follows:

1911	133,132
1912	160,120
1913	175,799

These figures show an increase in membership of over forty thousand during the two years, 1912 and 1913, and suggest a quite remarkable development during so brief a period. The figures indicate that the growth of union membership has been fairly distributed as between international bodies and those not international in character. The bulk of Canadian trades union membership is attached to international organizations. Of the total numerical strength of organized labor for 1913, the membership owing allegiance to international organizations reached the large proportions of 149,577, leaving for all other organized bodies a membership of 26,222. There were in Canada at the close of 1913, 2,017 local trade union branches of all classes, 1,792 having international affiliation, 199 of a non-international character and thirty-four independent local bodies. These figures show an increase of 154 in international local union branches, a decrease of twenty-six in non-international and an increase of six in independent bodies. International organizations having in Canada at the end of 1913 one or more local branches, numbered 101, an increase of two during the year. There are thirteen non-international organizing bodies in the Dominion, an increase of three as compared with 1912.

Organized Labor in Canadian Cities.

The relative strength of organized labor in Canadian cities is usually a point of some interest. The accompanying statement gives particulars as to twenty-six cities having each more than twenty trade union branches, the total for the cities named being 1,121. Of this number 654 report a membership which totals 88,037, or somewhat over 50 per cent. of the total trades union member-

ship of the Dominion. The membership of the non-reporting units is a somewhat conjectural quantity, but information before the Department gathered from various sources permits it to be placed approximately at 25,328, giving a total trades union membership for the twenty-six cities named of 113,365.

City.	No. of Unions reporting membership No. of Unions in Locality.	No. of members reported.	Estimated membership of all unions.
Toronto	131	79	18,184
Montreal	121	68	15,694
Winnipeg	82	48	8,163
Vancouver	81	47	7,502
Hamilton	60	36	3,847
Ottawa	56	31	3,089
Victoria	47	28	2,581
London	45	28	2,418
Calgary	44	27	3,092
Edmonton	43	27	2,781
Quebec	41	22	4,890
St. John	32	17	1,337
Fort William	31	15	997
Saskatoon	29	18	1,063
St. Thomas	26	16	1,524
Brandon	26	11	456
Lethbridge	25	14	1,339
Halifax	24	14	1,239
Moosejaw	24	16	1,420
Port Arthur	23	13	518
Regina	23	13	900
Moncton	22	15	1,998
Nelson	22	10	319
Medicine Hat	21	13	1,049
New Westminster	21	15	1,015
Windsor	21	13	722
Total	1,121	654	88,037
			113,365

CONVENTION CALL TRADES AND LABOR CONGRESS OF CANADA.

Office of the Secretary-Treasurer,
112 Florence Street,

Ottawa, Ont., July 2d, 1914.

To the Officers and Members of Provincial Federations of Labor, Trades and Labor Councils, National Trades Unions, Federal Labor Unions and International Local Trade Unions in the Dominion of Canada, Greeting:—

Fellow Labor Unionists and Brothers,—

The Thirtieth Annual Session of the Trades and Labor Congress of Canada will convene in the Armouries Building, Barrock Square, foot of Carmarthan Street, City of St. John, Province of New Brunswick, beginning at 10 o'clock, Monday morning, September 21st, 1914, and will continue in Session from day to day until the business of the Convention has been completed.

Last year's meeting of the Congress, in the City of Montreal, was an unqualified success. The place selected and the work done there contributed to mark it as one of the most important of a long series of Conventions. This year the City of St. John, N. B., has been selected as the place of assembly. This brings the Congress to the heart of the Maritime section of the Dominion and will afford an opportunity for the people on the Atlantic Coast to learn something of the importance of the great labor movement now going on in the interest of the wage earners and will be marked by the fuller consideration of many momentous questions left uncompleted last year. There will also be fresh and vital issues discussed.

The particular attention of affiliated organizations is called to Article III, Section 2, governing the introduction of Resolutions, which reads:

"Sec. 2.—That all resolutions for the consideration of the Congress shall be received by the Secretary-Treasurer not later than ten days prior to the opening of the Convention, the same to be printed and issued at the opening session of the Congress. Resolutions submitted contrary to this Section can only be introduced and dealt with by the Congress, on a two-thirds vote of the delegates present. The Executive shall appoint a Committee on Resolutions from Credentialed Delegates and said Committee shall meet at least one day prior to the opening of the Convention for the purpose of considering all business submitted to them."

As the years pass, the problems that the Congress has to study and solve become more numerous, more complicated, more urgent and more extensive in their scope. Even during the past year many of the situations which, at the Mont-

real Convention it was hoped would be soon ameliorated, have grown more accentuated and more difficult of improvement. At St. John, this year, further consideration will be given to matters left unfinished last session and in connection with which fresh difficulties have arisen during the past ten months. Among the subjects that will demand careful attention at this year's Convention may be mentioned the following:

1. Dominion and Provincial Legislation affecting labor interests.

2. The repeal of the present useless Alien Labor Law.

3. Enforcement of the misrepresentation and monetary clauses of the Immigration Laws all the year round.

4. Consideration of the proposed 8-Hour Bill.

5. Pronouncement on the administration of the Workmen's Compensation Acts in the various Provinces.

6. Amendments to the Industrial Disputes and Investigation Act.

7. Payment of wages on all railways, fortnightly.

8. Proposed amendments to the Dominion Elections Act, abolishing the \$200 deposit now exacted; and making election day a public holiday.

9. The case for labor on Old Age Pensions and Pensions for widows with children in Canada now pending before a special committee of the Dominion Parliament; and many other features.

In last year's Convention Call it was pointed out that Labor was far from having the monopoly of organization and that against its interests there are some of the strongest and best equipped organizations in Canada and abroad. This grim truth becomes daily more apparent. The consequence is that a proportionate increase in activity and watchfulness is imperative. In fact, it would be highly useful if a part of the attention of the Convention were devoted to a serious study of this situation.

This is the time to elect your delegates. Let them be carefully selected. It is important that active intelligent, experienced and above all reliable men should come from all sections. The friends of Labor must be "up and doing." Elect your delegates at once. Do not leave that vital duty to the last moment. This year's Congress must be strong, beyond the ordinary, especially in the capacity and strength of the delegates. Let not one moment be lost—Now in the time.

Fraternally yours,

James C. Watters, President,
Fred Bancroft, Vice President,

P. M. Draper, Secretary-Treasurer,
Executive Council, Trades and Labor Congress of Canada.

Elementary Lessons in Electricity and Magnetism

LESSON XXII.—*Specific Inductive Capacity, etc.*

266. In Lesson VI it was shown that the capacity of a Leyden jar or other condenser depended upon the size of the conducting coatings or surfaces, the thinness of the glass or other dielectric between them, and upon the particular "inductive capacity" of the dielectric used. We will now examine the subject in a more rigorous way. In Art. 246 it was laid down that the capacity of a conductor was measured by the quantity of electricity required to raise its potential to unity; or if a quantity of electricity Q raise the potential from V to V' then its capacity is

$$C = \frac{Q}{V' - V}$$

Now, a Leyden jar or other condenser may be regarded as a conductor, in which (owing to the particular device of bringing near together the two oppositely-charged surfaces) the conducting surface can be made to hold a very large quantity of electricity without its potential (whether + or -) rising very high. The capacity of a condenser, like that of a simple conductor, will be measured by the quantity of electricity required to produce unit rise of potential.

267. *Theory of Spherical Air-Condenser.*—Suppose a Leyden jar made of two concentric metal sphere, one inside the other, the space between them being by air. The inner one, A, will represent the interior coating of tinfoil, and the outer sphere, B (Fig. 102), will represent the exterior coating. Let the radii of these spheres be r and r' respectively. Suppose a charge of Q units to be imparted to A; it will induce on the inner side of B an equal negative charge $-Q$, and to the outer side of B a charge

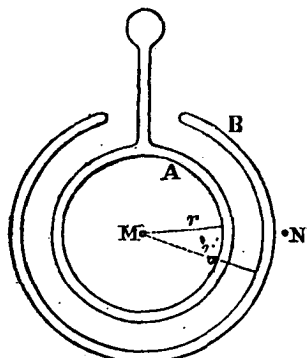


Fig. 102.

+ Q will be repelled. This latter is removed by contact with "earth," and need be no further considered. The potential¹ at the centre M, calculated by the rule given in Art. 238, will be

$$V = \frac{Q}{r} - \frac{Q}{r'}$$

At a point N, outside the outer sphere and quite near to it, the potential will be the same as if these two charges, + Q and $-Q$, were both concentrated at M. Hence

$$V_N = \frac{+Q - Q}{r'} = 0.$$

So then the difference of potentials will be

$$V_M - V_N = \frac{Q}{r} - \frac{Q}{r'} = Q \left(\frac{r' - r}{rr'} \right);$$

$$\text{whence } \frac{Q}{V_M - V_N} = \frac{rr'}{r' - r}.$$

But, by the preceding Article, the capacity $C = \frac{Q}{V - V_N}$, therefore $C = \frac{rr'}{r' - r}$.

We see from this formula that the capacity of the condenser is proportional to the size of the metal globes, and that if the insulating layer is very thin,—that is, if r be very nearly as great as r' , $r' - r$ will become very small, and

¹ The student must remember that as there is no electric force within a closed conductor the potential at the middle is just the same as at any point inside; so that it is somewhat a stretch of language to talk of the middle point M as having a potential.

the value of the expression $\frac{rr'}{r' - r}$

will become very great; which proves the statement that the capacity of a condenser depends upon the *thinness* of the layer of dielectric.

268. *Specific Inductive Capacity.*—Cavendish was the first to discover that the capacity of a condenser depended not on its actual dimensions only, but upon the *inductive* power of the material used as the dielectric between the two surfaces. If two condensers (of any of the forms to be described) are made of exactly the same size, and in one of them the dielectric be a layer of air, and in the other a layer of some other insulating substance, it is found that equal quantities of electricity imparted to them do not produce equal differences of potential; or, in other words, it is found that they have not the same capacity. If the dielectric be sulphur, for example, it is

found that the capacity is about three times as great; for sulphur possesses a high inductive power and allows the transmission across it of electrostatic influence three times as well as air does. The name *specific inductive capacity* was assigned by Faraday to the ratio between the capacities of two condensers equal in size, one of them being an air-condenser, the other filled with the specified dielectric. The specific inductive of dry air at the temperature 0° C, and pressure 76 centims, is taken as the standard and reckoned as unity.

Cavendish, about the year 1775, measured the specific inductive capacity of glass, bees-wax, and other substances, by forming them into condensers between two circular metal plates, the capacity of these condensers being compared with that of an air condenser (resembling Fig. 30) and with other condensers

1 The name is not a very happy one,—*specific inductivity* would have been better, and is the analogous term, for dielectrics, to the term "*specific conductivity*" used for conductors. The term *dielectric capacity* is also used by some modern writers.

which he called "trial-plates." He even went so far as to compare the capacities of these "trial-plates" with that of a sphere of $12\frac{1}{2}$ inches diameter hung up in the middle of a room.

269. Faraday's Experiments.—In 1837 Faraday, who did not know of the then unpublished researches of Cavendish, in-

dependently discovered specific inductive and measured its value for several substances, using for this purpose two condensers of the form shown in Fig. 103. Each consisted of a brass ball A, enclosed inside a hollow sphere of brass B, and insulated by a long plug of shellac, up which passed a wire terminating in a ball α . The outer sphere consisted of two parts which could be separated from each other in order to fill the hollow space with any desired material the experimental process then was to compare their capacities when one was filled with the substance to be examined, the other containing only dry air. The method of experimenting was simple. One of the condensers was with charged electricity. It was then made to share its charge with the other condenser, by putting the two inner coatings into metallic communication with one another, the outer coatings also being in communication with one another. If their capacities were equal they would share the charge equal, and the potential after contact would be just half what it was in the charged condenser before contact. If the capacity of one was greater than the other the final potential would not be exactly half the original potential, because they would not share the charge equally, but in proportion to their capacities. The potentials of the charges were measured before and after contact by means of a torsion balance.¹ Faraday's results showed the following values:—Sulphur, 2.26; shellac, 2.0; glass, 1.76 or more.

270. Recent Researches—Since 1870 large additions to our knowledge of this subject have been made. Gibson and Barclay measured the inductive capacity of paraffin by comparing the capacity of an air condenser with one of paraffin by means of a sliding condenser, and a divided condenser called a "platymeter," using a quadrant electrometer as a sensitive electroscope to adjust the capacity of the condensers exactly to equality. Wullner, Boltzmann, and others, have also examined the inductive capacity of solid bodies by several methods. Hopkinson has examined that of glass of various kinds, using a constant battery to produce the required difference of potentials, and a condenser provided with a guard-ring for a purpose similar to that of the guard-ring in absolute electrometers. Gordon has still more recently made a large number of observations, using a delicate apparatus known as a statical "induction balance," which is a complicated condenser, so arranged in connection with a quadrant electrometer that when the capacities of the

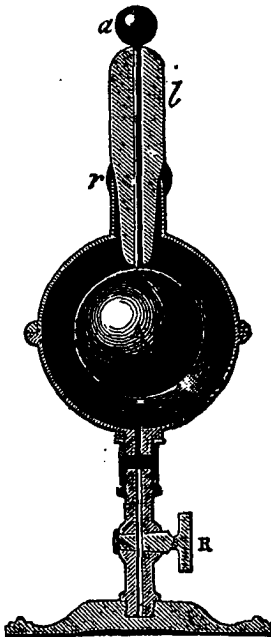


Fig. 103.

separate parts are adjusted to equality there shall be no deflection in the electrometer, whatever be the amount or

1 The value of the specific inductive capacity k could be calculated as follows:—

$$Q = VC = V'C + V'V'k$$

(where C is the capacity of the first apparatus and V its potential, and V' the potential after communication with the second apparatus, whose capacity is Ck):

$$\text{hence } V = V' \left(\frac{1+k}{V-V'} \right)$$

$$\text{and } k = \frac{V}{V'}$$

sign of the actual electrification employed for the moment. This arrangement, when employed in conjunction with an induction coil (Fig. 148) and a rapid commutator, admits of the inductive capacity being measured when the duration of the actual charge is only very small, the electrification being reversed 12,000 times per second. Such an instrument, therefore, overcomes one great difficulty besetting these measurements, namely, that owing to the apparent absorption of part of the charge by the dielectric (as mentioned in Art. 53), the capacity of the substance, when measured slowly, is different from its "instantaneous capacity." This electric absorption is discussed further in Art. 272. The amount of the absorbed charge is found to depend upon the time that the charge has been accumulated. For this reason the values assigned by different observers for the inductive capacity of various substances differ to a most perplexing degree, especially in the case of the less perfect insulators. The following Table summarizes Gordon's observations:

Air	1.00
Glass	3.013 to 3.258
Ebonite	2.284
Guttapercha	2.462
Indiarubber	2.220 to 2.497
Paraffin (solid)	1.9936
Shellac	2.74
Sulphur	2.58

Gordon's values would probably have been more reliable had the plates of the induction balance been provided with guard-rings (Art. 248). Hopkinson, whose method was a "slow" one, found for glass much higher inductive capacities, ranging from 6.5 to 10.1, the denser kinds having higher capacities. Rowland has lately examined the inductive capacity of plates of quartz cut from a homogeneous crystal, and finds it perfectly devoid of electric absorption. Cavendish observed that the apparent capacity of glass became much greater at those temperatures at which it begins to conduct electricity. Boltzman has an-

nounced that in the case of two crystalline substances, Iceland spar and sulphur, the inductive capacity is different in different directions, according to their position with respect to the axes of crystallisation.

271. Specific Inductive Capacity of Liquids and Gases.—The inductive capacity of liquids also has specific values. The following table is taken from the data of Silow and of Gordon:—

Turpentine	2.16
Petroleum	2.03 to 2.07
Bisulphide of Carbon ..	1.81

Faraday examined the inductive capacity of several gases by means of his apparatus (Fig. 103), one of the condensers being filled with air, the other with the gas which was let in through the tap below the sphere after exhaustion by an air pump. The method was too rough, however, to enable him to detect any difference between them, although many experiments were made with different pairs of gases at different temperatures and under varying pressures. More recently Boltzmann, and independently Ayrton and Perry, have measured the specific inductive capacities of different gases by very exact methods; and their results agree very fairly.

	Boltzmann.	Ayrton and Perry.....
Air	(1)	(1)
Vacuum	(0.999410)	(0.9985)
Hydrogen	0.999674	0.9998
Carbonic Acid ...	1.000356	1.0008
Olefiant Gas	1.000722	
Sulphur Dioxide ..		1.0037

272. Mechanical Effects of Dielectric Stress.—That different insulating substances have specific inductive power sufficiently disproves the idea that induction is merely an "action at a distance," for it is evident that the dielectric medium is itself concerned in the propagation of induction, and that some media allow induction to take place across them better than others. The existence of a residual charge (Art. 53) can be explained either on the supposition that the dielectric is composed of heterogeneous particles which have unequal conducting powers, as Maxwell has suggested, or on the hypothesis that the molecules are actually subjected to a strain from which, specially if the stress be long-continued, they do not recover all at once. Kohlrausch and others have pointed out the analogy between this phenomenon and that of the "elastic recovery" of solid bodies after being sub-

jected to a bending or a twisting strain. A fibre of glass, for example, twisted by a certain force, flies back when released to *almost* its original position, a slight sub-permanent set remains, from which, however, it slowly recovers itself, the rate of its recovery depending upon the amount and duration of the original twisting strain. Hopkinson has shown that it is possible to superpose several residual charge, even charges of opposite signs, which apparently "soak out" as the strained material gradually recovers itself. Perry and Ayrton have also investigated the question, and have shown that the polarisation charges in voltmeters exhibit a similar recovery.¹ Air condensers exhibit no residual charges.

When a condenser is discharged a sound is often heard. This was noticed by Sir M. Thomson in the case of air condensers; and Varley even constructed a telephone in which the rapid charge and discharge of a condenser gave rise to distinct tones.

¹ It would appear, therefore, probable that Maxwell's suggestion of heterogeneity of structure, as leading to residual electrification at the bounding surface of the particles whose electric conductivities differ, is the true explanation of the "residual" charge. The phenomenon of elastic recovery may itself be due to heterogeneity of structure.

As to the precise nature of the molecular or mechanical operations in the dielectric when thus subjected to the stress of electrostatic induction, nothing is known. One pregnant experiment of Faraday is of great importance, by showing that induction is, as he expressed it, "an action of contiguous particles." In a glass trough (Fig. 104), is placed some

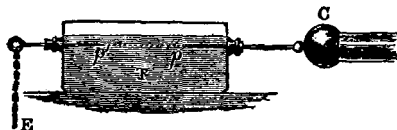


Fig. 104.

oil of turpentine, in which are put some fibres of dry silk cut into small bits. Two wires pass into the liquid, one of which is joined to earth, the other being put into connection with the collector of an electrical machine. The bits of silk come from all parts of the liquid and form a chain of particles from wire to wire. On touching them with a glass rod they resist being pushed aside, though they at once disperse if the supply of electricity is stopped. Faraday regarded this as typical of the internal actions in every case of induction across a dielectric, the particles of which he supposed to be "polarised," that is, to

be turned into definite positions, each particle having a positive and a negative end. The student will perceive an obvious analogy, therefore, between the condition of the particles of a dielectric across which electrostatic induction is taking place, and the molecules of a piece of iron or steel when subjected to magnetic induction.

Siemens has shown that the glass of a Leyden jar is sensibly warmed after being several times rapidly charged and discharged. This obviously implies that molecular movement accompanies the changes of dielectric stress.

273. Electric Expansion.—Fontana noticed that the internal value of a Leyden jar increased when it was charged. Volta sought to explain this by suggesting that the attraction between the two charged surfaces compressed the glass and caused it to expand laterally. This idea had previously occurred to Priestley. Duter showed that the amount of apparent expansion was inversely proportional to the thickness of the glass, and varied as the square of the potential difference. Quincke has recently shown that though glass and some other insulators exhibit electrical expansion, an apparent contraction is shown by resins and oily bodies under electrostatic stress. He connects with these properties the production of optical strain and of double refraction discovered by Kerr. (See Lesson on Electro-optics, Art. 386.)

274. Submarine Cables as Condensers.—A submarine telegraph cable may act as a condenser, the ocean forming the outer coating, the internal wire the inner coating, while the insulating layers of guttapercha correspond to the glass of the Leyden jar. When one end of a submerged cable is connected to, say the + pole of a powerful battery, + electricity flows into it. Before any signal can be received at the other end, enough electricity must flow in to charge the cable to a considerable potential, an operation which may in the case of long cables require some seconds. Faraday predicted that this retardation would occur. It is, in actual fact, a serious obstacle to signalling with speed through the Atlantic cables and others. Professor Fleeming Jenkin has given the following experimental demonstration of the matter. Let a mile of insulated cable wire be coiled up in a tub of water (Fig. 105), one end N, being insulated. The other end is joined up through a long-coil galvanometer, G, to the + pole of a large battery, whose - pole is joined by a wire to the water in the tub. Directly this is done, the needle of the galvanometer will show a violent deflection. + electricity rushing through it into the interior of

the cable, and a —charge being accumulated on the outside of it where the water touches the gutta-percha. For perhaps an hour the flow will go on, though diminishing, until the cable is fully charged. Now remove the battery, and instead join up *a* and *b* by a wire; the charge in the cable will rush out through the galvanometer, which will show an opposite deflection, and the residual charge will continue "soaking out" for a long time.

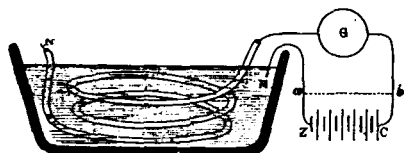


Fig. 105.

Since the speed of signalling, and therefore the economical working through a cable, depends upon its "capacity" as a condenser,¹ and since its capacity depends upon the specific inductive power of the insulating substance used, Hooper's compound, which has an inductive capacity of only 1.7, and is cheap, is preferred to gutta-percha, which is expensive, and has a specific inductive capacity as high as 2.46.

275. Use of Condensers.—To avoid this retardation and increase the speed of signalling in cables several devices are adopted. Very delicate receiving instruments are used, requiring only a feeble current; for with the feebler batteries the actual charge given to the cable is less. In some cases a key is employed which, after every signal, immediately sends into the cable a charge of opposite sign, to sweep out, as it were, the charge left behind. In duplex signalling (Lesson XXXIX.) the resistance and electro-

¹ The capacity of the "Direct" Atlantic cable from Ballinskelligs (Ireland) to Nova Scotia is 992 microfarads.

satic capacity of the cable have to be met by balancing against them an "artificial cable" consisting of a wire of equal resistance, and a condenser of equal capacity. Messrs. Muirhead constructed for duplexing the Atlantic Cable a condenser containing 100,000 square feet (over two acres of surface) of tinfoil. Such condensers are also occasionally used on telegraph lines in single working to avoid earth currents. They are constructed by placing sheets of tinfoil between sheets of mica or of paraffined paper, alternate sheets of foil being connected together. Small condensers of similar construction are used in connection with induction coils (Fig. 148).

276. Practical Unit of Capacity.—Electricians adopt a *unit of capacity*, termed one *farad*, based on the system of elec-

tro-magnetic units. A condenser of one farad capacity would be raised to a potential of one volt by a charge of one coulomb of electricity.¹ In practice such

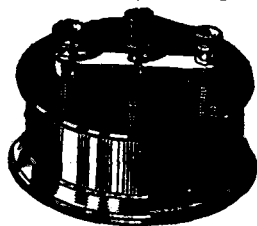


Fig. 106.

a condenser would be too enormous to be constructed. As a *practical unit* of capacity is therefore chosen the *microfarad*, or one millionth of a farad; a capacity about equal to that of three miles of an Atlantic cable. Microfarad condensers are made containing about 3600 square inches of tinfoil. Their general form is shown in Fig. 106, which represents a $\frac{1}{3}$ microfarad condenser. The two brass pieces upon the ebonite top are connected respectively with the two series of alternate sheets of tinfoil. The plug between them serves to keep the condenser discharged when not in use.

Methods of measuring the capacity of a condenser are given in Art. 362.

277. Formulae for Capacities of Conductors and Condensers.—The following formulae give the capacity of condensers

¹ See Note on Electromagnetic Units, Art. 321.

of all ordinary forms, in electro static units:

Sphere: (radius = *r*. See Art. 247).
 $C = r$.

Two Concentric Spheres: (radii *r* and *r'*, specific inductive capacity of the dielectric = *k*).

$$C = k \frac{rr'}{r' - r}$$

Cylinder: (length = *l*, radius = *r*).

$$C = \frac{l}{2 \log_e \frac{r'}{r}}$$

Two Concentric Cylinders (length = *l*, specific inductive capacity of dielectric = *k*; internal radius = *r*, external radius = *r'*)

$$C = k \frac{l}{2 \log_e \frac{r'}{r}}$$

Circular Disc (radius = *r*, thickness negligible).

$$C = \frac{2r}{\pi}$$

Two Circular Discs: (like air condenser, Art. 48, radii = r , surface = S , thickness of dielectric = b , its specific inductive capacity = k).

$$C = k \frac{r^2}{4b}$$

or $C = k \frac{S}{4\pi b}$

(The latter formula applies to any two parallel discs of surface S , whether circular or otherwise, provided they are large as compared with the distance b between them.)

278. Energy of Discharge of Leyden Jar or Condenser.—It follows from the definition of potential, given in Art. 237, that in bringing up one + unit of electricity to the potential V , the work done is V ergs. This assumes, however, that the total potential V is not thereby raised, on this assumption the work done in bringing up Q units would be QV . If, however, the potential is nothing to begin with and is raised to V by the charge Q , the average potential during the operation is only $\frac{1}{2}V$; hence the total work done in bringing up the charge Q from zero potential to potential V is $\frac{1}{2}QV$ ergs. Now, according to the principle of the conservation of energy, the work done in charging a jar or condenser with electricity is equal to the work which could be done by that quantity of electricity when the jar is discharged. Hence a $\frac{1}{2}QV$ represents also the energy of the discharge, where V stands for the difference of potential between the two coatings.

Since $Q = VC$, it follows that we may write $\frac{1}{2}QV$ in the form $\frac{1Q^2}{2C}$ The

is to say, if a condenser of capacity C is charged by having a quantity Q of electricity imparted to it, the energy of the charge is proportional directly to the square of the quantity, and inversely to the capacity of the condenser.

If two equal Leyden jars are charged to the same potential, and then their inside and outside coatings are respectively joined, their united charge will be the same as that of a jar of equal thickness, but having twice the amount of surface.

If a charged Leyden jar is placed—similarly in communication with an uncharged jar of equal capacity, the charge will be shared equally between the two jars, and the passage of electricity from one to the other will be evidenced by the production of a spark when the respective coatings are put into communi-

cation. Here, however, half the energy of the charge is lost in the operation of sharing the charge, for each jar will have only $\frac{1}{2}Q$ for its charge and $\frac{1}{2}V$ for its potential; hence the energy of the charge of each being half the product of charge and potential will only be one quarter of the original energy. The spark which passes in the operation of dividing the charge is, indeed, evidence of the loss of energy; it is about half as powerful as the spark would have been if the first jar had been simply discharged, and it is just twice as powerful as the small sparks yielded finally by the discharge of each jar after the charge has been shared between them.

The energy of a charge of the jar manifests itself, as stated above, by the production of a spark at discharge; the sound, light, and heat produced being the equivalent of the energy stored up. If discharge is effected slowly through a long thin wire of high resistance the air spark may be feeble, but the wire may be perceptibly heated. A wet string being a feeble conductor affords a slow and almost silent discharge; here probably the electrolytic conduction of the moisture is accompanied by an action resembling that of secondary batteries (Lesson XXXVIII.) tending to prolong the duration of the discharge.

279. Charge of Jars arranged in Cascade.—Franklin suggested that a series of jars might be arranged, the outer coating of one being connected with the inner one of the next, the outer coating of the last being connected to earth. The object of this arrangement was that the second jar might be charged with the electricity repelled from the outer coating of the first, the third from that of the second, and so on. This "cascade" arrangement, however, is of no advantage, the whole charge accumulated in the series being only equal to that of one single jar. For if the inner coating of the first jar be raised to V , that of the outer coating of the last jar remaining at zero in contact with earth, the difference of potential between the outer and inner coating of any one jar

will be only $\frac{1}{n}V$, where n is numbers

of jars. And as the charge in each jar is equal to its capacity C , multiplied by its potential, the charge in each will only

be $\frac{1}{n}CV$, and in the whole n jars the

total charge will be $n \times \frac{1}{n}CV$, or CV ,

or equals the charge of one jar of capacity C raised to the same potential V .

CHILDREN OF TOIL.

We never see the big blue sky
 From out some country lane,
 We never watch the clouds sail by
 Above the waving grain.
 We never hear at close of day
 The birds grow quiet in sleep.
 We never run, we never play—
 We only toil and weep.

The dark, cold night has hardly fled
 Ere we are set to work,
 With weary fingers, aching head—
 But, ah! we dare not shirk!
 "Work fast! Work fast!" our parents
 cry,
 We choke them back; for if we cry
 Our task we cannot see.

We are so young, the day's so long,
 Yet there's no time to smile,
 Or make believe, or sing a song—
 And, oh, to sleep awhile!
 But, no, we do not dare to pause.
 They beat us if we do—
 Oh, tell us, are there, then, no laws
 For little children, too?

We only ask a little play,
 A little youth and zest.
 A little time for fun each day,
 A little sleep and rest.
 We're always hungry, often cold,
 Oh, let us stop, we pray!
 It cannot be that God's been told
 How long we work each day.
 —William Wallace Whitelock, in New
 York Times.

CHILD LABOR.

Ah, who are these on whom the vital
 bloom
 Of life has withered to the dust of doom?
 These little pilgrims prematurely worn
 And bent as if they bore the weight of
 years?
 The childish faces, pallid and forlorn,
 Too dull for laughter and too hard for
 tears?
 Is this the ghost of that insane crusade
 That led ten thousand children long
 ago,
 A flock of innocents, deceived, betrayed,
 Yet pressing on through want and woe
 To meet their fate, faithful and unafraid?
 Nay, for a million children now
 Are marching in the long, pathetic line,
 With weary step and early wrinkled
 brows;
 And at their head appears no holy sign
 Of hope in heaven;
 For unto them is given
 No cross to carry, but a cross to drag.
 Before their strength is ripe they bear
 The load of labor, toiling underground,

In dangerous mines and breathing
 heavy air
 Of crowded shops, their tender lives are
 bound
 To service of the whirling, clattering
 wheels
 That fill the factories with dust and
 noise;
 They are not girls and boys,
 But little "hands," who blindly dumbly
 feed
 With their own blood the hungry god
 of Greed.

—Dr. Henry Van Dyke.

THE WOMEN AND CHILDREN OF
LUDLOW.

(John D. Rockefeller, Jr., testifying be-
 fore the Congressional Committee inves-
 tigating the Colorado strike, when asked
 if he approved of the use of machine guns
 and paid gunmen to break the strike, even
 though scores of people were murdered,
 replied: "My conscience acquits me.")
 Your conscience acquits you—but how
 make reply
 And speak now of justice—with eyes to
 the sky,
 When there in the ashes their torn bodies
 lie,
 The women and children of Ludlow.
 How look on their faces, their blood-mat-
 ted hair,
 Their charred, blackened bodies, all swol-
 len and bare,
 And the babes on the bosoms thy fiends
 murdered there,
 The women and children of Ludlow.
 Your conscience acquits you—but what
 of the dead;
 Oh! what of the murdered—they ask-
 ed you for bread;
 They begged you for freedom and you
 gave them lead.
 The women and children of Ludlow.
 They sought but a chance for their hus-
 bands and sons,
 A future more kindly for their little
 ones—
 Your conscience acquits you—yet slaugh-
 tered with guns,
 The women and children of Ludlow.
 Your conscience acquits you—go look
 where they died;
 Go look where they perished; aye plead-
 ed and cried—
 The mothers, the children, the babes cru-
 cified,
 The women and children of Ludlow.
 And then tell the God you profess to
 adore,
 O! then tell the Master, your hands red
 with gore,
 Your conscience acquits you—though
 slaughtered the poor,
 The women and children of Ludlow.
 —Frank J. Hayes.

Local Union Directory



This Directory is compiled from the quarterly reports furnished by local secretaries. If your report is not properly classified, it is because no report, or an imperfect one, has been furnished. Local secretaries should promptly report any changes.

Locals are composed of branches of the trade, as per the following signs:

- | | |
|---------------|-----------------------|
| (a) Mixed. | (f) Cable Splicers. |
| (b) Linemen. | (g) Switch-board Men. |
| (c) Inside. | (h) Shomen. |
| (d) Trimmers. | (i) Fixture Hangers. |
| (e) Cranemen. | |

(j) Telephone Operators.

(c) No. 1, St. Louis, Mo.—Meets Tuesday night at 604 N. Leffingwell Ave. President, J. T. Farrell, 1308 Armstrong Ave.; Vice President, R. P. Underwood, 3838 A Kennerly Ave.; Financial Secretary, W. B. Smith, 604 N. Leffingwell Ave.; Recording Secretary, John Ledbetter, 4008 Penrose St.; Treasurer, J. M. Thompson, 4010 Sullivan Ave.

E. B. meets every Friday night.

(c) No. 5, Pittsburgh, Pa.—Meets every Friday night at McGeagh Bldg., 607 Webster Ave. President, S. D. Young, 807 McGeagh Bldg.; Vice President, S. Miller, 807 McGeagh Bldg.; Financial Secretary, H. McDougal, 178 Ridenour Ave.; Crafton, Pa.; Recording Secretary, Morgan Emanuel, 807 McGeagh Bldg.; Treasurer, F. J. Wynn, 807 McGeagh Bldg.

(c) No. 6, San Francisco, Cal.—Meets Wednesday at Building Trades Temple, 200 Guerrero St. President, W. H. Urmy, 200 Guerrero St.; Vice President, R. G. Alexander, 200 Guerrero St.; Financial Secretary, P. A. Clifford, 200 Guerrero St.; Recording Secretary, E. V. McKenzie, 200 Guerrero St.; Treasurer, G. M. Fisk, 2417 Folsom St.

(c) No. 7, Springfield, Mass.—Meets every Monday night at N. A. S. E. Hall, 373½ Main St. President, W. F. Kavanaugh, 221 Summer St.; Vice President, D. A. Moore, 4 Eagle St.; Financial Secretary, J. A. Beauchemin, 81 Pynchon St.; Recording Secretary, Fred M. Miller, 216 N. Main St.; Treasurer, Gregg Roos, 408 N. Main St.

(c) No. 8, Toledo, Ohio.—Meets every Monday at Swiss Hall, Monroe St. President, T. Crahan, 670 Fernwood Ave.; Vice President, G. Strub, 446 Georgia Ave.; Financial Secretary, Robt. Hammer, 125 Canal Ave.; Recording Secretary, George Hammer, 407 Austin St.; Treasurer, Joe Christ, 905 Bricker Ave.

(b) No. 9, Chicago, Ill.—Meets every Friday at 8 p. m. at 500 State St. President, R. A. Brehman, 2900 Arthington Ave.; Vice President, P. Bender, 810 S. California Ave.; Financial Secretary, L. M. Fee, 2203 Monroe St.; Recording Secretary, A. M. Parish, 1046 N. Leclaire Ave.; Treasurer, J. J. Dassie, 2422 St. Louis Ave.

(c) No. 12, Pueblo, Colo.—Meets Friday at Engineers' Hall, Room 21-22, Pope Block. President, W. L. Nelson, 1026 E. 7th St.; Vice President, E. W. Price, Box 70; Financial Secretary, L. C. Klinger, 114 W. 14th St.; Recording Secretary, R. J. Moose, Box 70; Treasurer, J. F. Campbell, 191 Central Main St.; Press Secretary, L. C. Klinger.

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(a) No. 20, New York, N. Y.—Meets first and third Friday of every month at Courtlandt Casino. President, Michael Mangin, 2427 Mackay Ave., Bronx; Vice President, Joseph Roscoe, 439 Hoboken Ave., Jersey City, N. J.; Financial Secretary, Joseph E. Healey, 749 E. 133d St., Bronx.; Recording Secretary, A. Anderlie, 1273 Unionport Rd., Bronx; Treasurer, Joseph E. Healey, 749 E. 133d St., Bronx.

(c) No. 22, Omaha, Nebr.—Meets Friday night at 1410 Harney St. President C. Rhainey, 829 S. 22d St.; Vice President C. Howell, 3225 Pratt St.; Financial Secretary, L. S. Harmon, 3711 N. 19th St.; Recording Secretary, Gus Lawson, 137 Cedar St.; Treasurer, J. P. Brown, 3803 Shirley St.

(b) No. 23, St. Paul, Minn.—Meets every Monday night at Trades Union Hall, 309 Wabasha St. President, N. Conoryea, 116 W. Cook St.; Vice President, A. J. Flaherty; Financial Secretary, Leo Mitchell, 422 Ravoux St.; Recording Secretary, Wm. Schoenaman, 1111 Goff Ave.; Treasurer, A. Reelland. Business agent, John Reddy. Office, Trades Union Hall, 309 Wabasha St.

(c) No. 26, Washington, D. C.—Meets Thursdays at Costello Hall, 6th and G. N. W. St. President, E. R. Seal, 1323 R St., N. W.; Vice President, W. D. Yeabower, 404 I St., N. W.; Financial Secretary, B. A. O'Leary, 1102 L St., N. W.; Recording Secretary, Edw. Nothnagel, 110 R St., N. W.

No. 28, Baltimore, Md.—Meets every Monday 8:00 p. m., at Federation Hall, 502 E. Fayette St.; President, I. C. Franz, 1213 Lenden Ave.; Vice President, C. W. Davis, 813 N. Payson St.; Financial Secretary, W. W. Gilbert, 2133 E. Federal St.; Recording Secretary, J. F. Abel, 3103 Fairmont Ave.; Treasurer, A. C. Kries, Maple Ave., Overlea; Business Agent, R. L. Embrey, Registertown, Md.

(c) No. 33, New Castle, Pa.—Meets second and fourth Tuesday nights at Trades Assembly, Washington St. President, R. R. Vorous, 917 Winslow Ave.; Vice President, R. B. Nicholson, 110 Ray St.; Financial Secretary, Jas. Nebille, 917 E. Washington St.; Recording Secretary, T. R. Nicholson, 110 N. Ray St.; Treasurer, J. Harper, Ellwood City, Pa.

(a) No. 34, Peoria, Ill.—Meets every Thursday night at Iron Workers' Hall, 203 Main St. President, W. E. Priddy, 215 Rohman Ave.; Vice President, J. B. Sloan, 907 Saratoga St.; Financial Secretary, Louis Morgenstein, 513 Glendale Ave.; Recording Secretary, W. H. Burns, 207 Clark Ave.; Treasurer, W. W. Wade, 201 Knoxville Ave.

(b) No. 35, Hartford, Conn.—Meets Friday at 25 Asylum St. President, W. H. Dermont, 926 Maine St.; Vice President, G. J. Lyman, 77 Williams St.; Financial Secretary, C. M. Johnson, Box 71, Newington Junc., Conn.; Recording Secretary, H. F. Genlot, 37 Spring St.; Treasurer, R. G. Bradley, 42 Frankfort St.

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(c) No. 46, Seattle, Wash.—Meets every Tuesday at Labor Temple, 6th and University Sts. President, S. H. Winn, Room 13 Labor Temple; Vice President, B. F. Gordon, Room 13 Labor Temple; Financial Secretary, G. H. Williams, Room 13 Labor Temple; Recording Secretary, Geo. W. Johnson, Room 13 Labor Temple; Treasurer, C. F. Laughlin, Room 13 Labor Temple.

No. 48, Portland, Ore.—Financial Secretary, P. A. Spice, 1027 E. 15th Ave., N.; Business Agent, W. H. Emerick, Labor Temple.

(d) No. 49, Chicago, Ill.—Meets first and third Fridays at 134 W. Randolph St. President, Wm. F. Trader, 1930 N. Kenneth Ave.; Vice President, Richard Berg, 2252 N. Tripp Ave.; Financial Secretary, C. Cornell, 3543 N. Nagel Ave.; Recording Secretary, Chas. McCarter, 1446 Orleans St.; Treasurer, Paul Messenie, 3305 S. Hamilton Ave.

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(a) No. 51, Des Moines, Iowa—Meets Monday night at 8 o'clock in Building Trades Hall, 6th and Mulberry. President, C. M. Henderson, 715 3d St.; Vice President, B. P. Prestan, 1534 Grand Ave.; Financial Secretary, Fred Martensen, 1068 Tenth St.; Recording Secretary, J. Herkes, 715 3d St.; Treasurer, J. Payton, 1625 9th St.

(c) No. 52, Newark, N. J.—Meets Wednesday night, at 262 Washington St., Newark, N. J. President, J. Turner, 31 Durand Pl., Irvington, N. J.; Vice President, A. E. Bell, 24 Brientnall Pl.; Financial Secretary, Edward Schroeder, 14 Hawthorne Ave.; Recording Secretary, Edward M. Taylor, 69 Rose Terrace; Treasurer, Ernest J. Rueger, 261 Bank St.

(a) No. 56, Erie, Pa.—Meets Fridays at Labor Temple, 721 State St. President, Geo. Dumbek, 2220 Liberty St.; Vice President, James Pusey, 520 E. 10th St.; Financial Secretary, Harry Simpson, 961 E. 3d St.; Recording Secretary, R. W. Peterson, 646 W. 11th St.; Treasurer, Roy Cross, Forbush Hotel.

No. 58, Detroit, Mich.—Meets Monday nights at Federation Hall, Wayne County Bank Bldg. President, Ed. Iamond, 597 Lincoln Ave.; Vice President, E. A. Toll, 178 2d Ave.; Financial Secretary, E. T. Barrett, 805 Field Ave.; Recording Secretary, Geo. O'Hara, 219 Trumbull Ave.; Treasurer, Wm. Gibson, 187 Clifford St.

No. 60, San Antonio, Tex.—President, Geo. C. Norris, R. F. D. No. 1, Box 267; Vice President, A. Rouff, 607 N. Flores St.; Financial Secretary, F. J. Vollmer, 2106 W. Commercial St., Sta. A.; Recording Secretary, Ben. J. Crowthers, 376 Rural Ave.; Treasurer, G. A. Collier, 2815 Montrey St.

(a) No. 61, Los Angeles, Cal.—Meets every Thursday at 604 Labor Temple, 538 Maple Ave. President, Harry G. Greene, 1250 Exposition Blvd.; Vice President, W. A. Peasley, 129 E. 4th St.; Financial Secretary, H. L. Loomis, 105 Labor Temple; Recording Secretary, J. R. Reif, 1264 W. Vernon Ave.; Treasurer, W. C. Hall, 126 W. 53d St.; Business Agent, E. L. Schock, 105 Labor Temple.

(c) No. 64, Youngstown, Ohio—Meets first and third Wednesdays of each month at Bushnell Hall, 127 W. Federal St. President, Thos. Callen, 514 Lakewood Ave.; Vice President, W. C. Rosine, 707 Oxford Ave.; Financial Secretary, L. Higley, R. F. D. No. 1, Girard, Ohio; Recording Secretary, C. Morrison, Box 528; Treasurer, H. M. Vetter, 200 W. Myrtle Ave.

(b) No. 65, Butte, Mont.—Meets every Friday night, at Carpenter's hall. President, J. C. Roberts, 2406 Florence Ave.; Vice President, R. A. Baker; Financial Secretary, W. C. Medhurst, room 201 Goldberg Bldg.; Recording Secretary, Jas. M. Dubal, room 201 Goldberg Bldg.; Treasurer, D. Medhurst, 201 Goldberg Bldg.

(a) No. 66, Houston, Tex.—Meets every Monday, 415½ Main St. President, C. A. Boatman, 1201 Capitol Ave.; Vice President, C. M. Moller; Financial Secretary, W. R. Salter, 1201 Capitol Ave.; Recording Secretary, L. M. Wilson, 205 Buffalo St.; Treasurer, W. R. Salter, 1201 Capitol Ave.

No. 67, Quincy, Ill.—B. J. Flotkoetter, 613 No. 13th St.

(c) No. 68, Denver, Colo. Meets every Monday at 8 P. M. at 40 King Block. President, J. C. Wooliver, 965 Galapago St.; Vice President, C. A. Bristow, 749 S. Clarkson St.; Financial Secretary, C. F. Oliver, 258 S. Marion St.; Recording Secretary, E. S. Hawkins, 120 W. 3d Ave.; Treasurer, R. H. Hamee, 3882 Lenobia St., Box 614.

(c) No. 69, Dallas, Texas.—Meets Monday nights at 1802½ Elm St. President, W. B. Winscoatte, 1018 E. 5th St.; Vice President, W. P. Anderson, 3110 Swiss Ave.; Financial Secretary, L. B. Irwin, 1725 Carisana St.; Recording Secretary, H. S. Broiler, 1725 Carisana St.; Treasurer, T. J. Mizell, 3811 Poe St.

(c) No. 72, Waco, Texas—Meets second and fourth Monday nights at Labor Temple, 729 Washington St. President, E. W. Edmonds, 720 Austin St.; Vice President, C. Doyle, Waco Electric Supply Co.; Financial Secretary, R. W. Berkeley, P. O. Box 814; Recording Secretary, E. F. Copley, City Hall; Treasurer, R. W. Berkeley, Box 814.

(a) No. 73, Spokane, Wash.—Meets every Monday night at McVay's Hall, 611 Trent Ave. President, Herbert Steams, 1714 W. Carlisle; Vice President, J. W. Allender; Financial Secretary, C. R. Mara, 1104 E. Indiana Ave., Box 635; Recording Secretary, E. W. Arenton, 3001 E. Jackson; Treasurer, W. H. Maxwell, 1014 Dalton Ave.

No. 76, Tacoma, Wash.—Meets every Tuesday at Fraternity Hall, 1117 Tacoma Ave. President, C. Brennan, 3618 Spokane Ave.; Financial Secre-

W. E. Wolcott, 1214½ S. Tacoma Ave.; Recording Secretary, Carl Gebbers, 4902 S. Prospect St.

(b) No. 77, Seattle, Wash.—Meets every Monday night, at room 207 Labor Temple, 6th and University; President, Thad Rose, room 13, Labor Temple; Vice President, W. R. Crawford, room 13 Labor Temple; Financial Secretary, R. W. Hemming, room 13 Labor Temple; Recording Secretary, F. Tustin, room 13 Labor Temple; Treasurer, D. J. Lundy, room 13 Labor Temple; Business Agent, W. F. Delaney.

(c) No. 78, Atlanta, Ga.—Meets every Thursday at Labor Temple, 114 Trinity Ave. President, C. W. Pitchford, 25 Tennessee Ave.; Vice President, G. E. Carter, 140 Crew St.; Financial Secretary, P. H. Hendrick, 41 E. Lake Drive, Kirkwood Sta.; Recording Secretary, G. H. McKee, 4 Auburn Ave.; Treasurer, H. M. Tucker, 66 Connally St.

(a) No. 80, Norfolk, Va.—Meets Wednesdays, 8 p. m., at I. O. O. F. Hall, Church St. President, M. B. Holmes, 329 W. 15th St.; Vice President, E. L. Richardson, 1111 Holt St.; Financial Secretary, T. J. Gates, P. O. Box 232; Recording Secretary, H. J. Kraemer, 1907 County St., Portsmouth, Va.; Treasurer, R. A. Smith, P. O. Box 606.

No. 83, Milwaukee, Wis.—Financial Secretary, L. Elfein, 1321 6th St.

(h) No. 85, Schenectady, N. Y.—Meets Friday at 240 State St. President, John Radley, 112 S. Ferry St.; Vice President, Geo. Rea, 915 State St.; Financial Secretary, C. V. Platto, 130 Front St.; Recording Secretary, Wm. B. Wilkie, 273 Broadway; Treasurer, L. L. Rice, Willett St.

No. 86, Rochester, N. Y.—Meets every other Wednesday at 95 Main St. E. President, J. L. Keife, 376 Benton St.; Vice President, W. E. Reid, 999 Exchange St.; J. H. Walls, 15 Frank St.; W. H. Kuhn, 1070 Clifford Ave.; Treasurer, B. W. Pitt, 343 Birr St.

(a) No. 93, East Liverpool, Ohio.—Meets first and third Fridays of each month at Fowler Building, Market St. President, E. L. Orr, Bradshaw Ave.; Vice President, Ray McShane, care of Gen. Del.; Financial Secretary, C. D. Lentz, 1257 Erie St., E. E.; Recording Secretary, H. W. Cooper, 231 W. 9th St.; Treasurer, D. Clapsadle, Maplewood.

(a) No. 96, Worcester, Mass.—Meets second and fourth Mondays, E. B. first and third Tuesdays at 419 Main St., Worcester, Mass. President, P. A. Hoey, 419 Main St.; Vice President, First, G. H. Miller, 63 King St.; Vice President, Second, C. H. Thompson, 419 Main St.; Financial Secretary, T. L. Carney, 419 Main St., house 4 McCormack Court; Recording Secretary, Eli Nichols, 419 Main St.; Treasurer, S. A. Strout, 419 Main St., house No. 5 Avalon Pl.

(c) No. 98, Philadelphia, Pa.—Meets every Tuesday evening, at Parkway Bldg., 6th floor, Broad and Cherry Sts. President, Jas. B. Sturgeon, 1737 N. Sydenham St.; Vice President, M. A. Livingston, 1312 Filbert St.; Financial Secretary, Herbert Rawnsley, 165 Arnold St., East Falls, Philadelphia; Recording Secretary, Hugh Gilmore, 123 N. Hobarth St.; Treasurer, P. F. Turner, 1312 Filbert St.

(a) No. 100, Fresno, Calif.—Meets every Tuesday night at 1139 I St. President, T. C. Vickers, P. O. Box 429; Vice President, J. W. Petty, 1139 I St.; Financial Secretary, J. A. Berryman, 1243 M St.; Recording Secretary, J. W. Phillips, 1139 I St.; Treasurer, H. H. Courtright, 1139 I St.

(c) No. 102, Paterson, N. J.—Meets every Thursday at Labor Lyceum, 359 Van Houten St. President, Albert Hawtin, 131 Marion St.; Vice President, Frank Stephens, 27 Pennington St.; Financial Secretary, A. Bennett, 552 Lexington Ave., Clifton; Recording Secretary, R. Sigler, 115 Fair St.; Treasurer, W. H. Cross, 162 Lakeview Ave., Clifton.

(c) No. 103, Boston, Mass.—Meets Wednesday evenings at Well's Memorial Hall, 987 Washington St. President, W. J. Roberts, Egypt, Mass.; Vice President, M. T. Joyce, 150 Quincy St., Dorchester; Financial Secretary, F. L. Kelley, 95 Beacon St., Hyde Park; Recording Secretary, Joseph P. Teaffe, 332 Bunker Hill St., Charlestown; Treasurer, T. Gould, 17 Wigglesworth St., Roxbury.

(b) No. 104, Boston, Mass.—Meets Wednesday at 987 Washington St. President, Michael Birmingham, 49 Chestnut Hill Ave., Brighton; Vice President, E. T. Wile; Financial Secretary, H. R. Allen, 725 E. 6th St., South Boston, Mass.; Recording Secretary, Wm. Warren, 26 Hobart St., Brighton, Mass.; Treasurer, W. D. Hubbard, 8 Hancock St.

(a) No. Sub-1 (104), South Framingham, Mass.—Meets Monday at 8 o'clock at C. L. U. Hall. President, E. A. Peters, Rodnay St., Ashland; Vice President, S. J. Beers, 1 Everett Ave.; Assistant Financial Secretary, D. W. McKinnon, 54 Winthrop St.; Recording Secretary, R. A. Lovelace, 23 Park St.

(c) No. 107, Grand Rapids, Mich.—Meets first and third Wednesdays of each month at Trades and Labor Council Hall, 245 Monroe Ave. President, C. W. Galer, 1014 Franklin St.; Vice President, H. W. Hatch, 648 Bridge St.; Financial Secretary, O. S. Livergood, 209 Willow Ct.; Recording Secretary, E. D. Leitch, 312 Eastern Ave.; Treasurer, C. B. Des Jardins, 311 Burleson Flats.

(a) No. 108, Tampa, Fla.—Meets Thursday at 1110½ Franklin St. President, Jas. A. Arnold, 1304 Florida Ave.; Vice President, E. E. Mathews, Box 662; Financial Secretary, F. J. Chancey, Box 662; Recording Secretary, Clark Ryalls, Box 662; Treasurer, F. J. Chancey, Box 662.

(c) No. 110, St. Paul, Minn.—Meets first and third Thursdays of each month, at Trades Union hall, 309 Wabasha St. President, S. W. Bush, 302 Charles St.; Financial Secretary, J. J. Purcell, 298 Charles St.; Recording Secretary, Dave Boustett, 1266 Charles St.; Treasurer, A. Velet, 92 East Louisa St.; B. A., Frank Fisher, Trades Union hall, 309 Wabasha St.

(c) No. 115, Ogden, Utah.—Meets first and third Mondays, each month, at 2464½ Washington Ave. President, J. W. Farley, 2619 Grant Ave.; Vice President, W. A. Dunn, 2419 Grant Ave.; Financial Secretary, J. R. Peterson, Box 637; Recording Secretary, C. V. Nelson, 556 29th St.; Treasurer, J. R. Peterson, Box 637.

(a) No. 116, Ft. Worth, Tex.—Meets each Wednesday night at Labor Temple, 306½ Throcmorton St. President, Robert E. Carter; Vice President, Chas. Shyro; Financial Secretary, A. W. Pierce, Room 3, Labor Temple; Recording Secretary, R. A. Hunter; Treasurer, F. W. Grunewald, 306½ Throcmorton St.

(a) No. 117, Elgin, Ill.—Meets first and second Thursdays at Trades Council Hall, 168 Chicago St. President, G. W. Hilton, 320 Billings St.; Financial Secretary, W. A. Stevenson, 714 Center St.; Recording Secretary, A. R. Copely, 717 Center St.; Treasurer, A. B. Adams, 273 South Channing St.

(c) No. 121, Augusta, Ga.—Meets first and third Mondays at Federation Hall, cor. 8th and Ellis Sts. President, F. W. Tudor, 7228 Dantignac St.; Vice President, J. H. Jones, Lake View;

Financial Secretary, R. H. Young, 507 Moore Ave.; Recording Secretary, B. J. Allen, 522 Campbell St.; Treasurer, J. W. Connors, 1467 Silcox St.

(e) No. 124, Kansas City, Mo.—Meets Tuesday at Labor Temple, 14th and Woodland Sts. President, W. I. Langley, 1707 Myrtle; Vice President, A. B. Casey, 3623 Chestnut; Financial Secretary, Fred H. Goldsmith, 2902 E. 21st St.; Recording Secretary, P. W. Ritchie, 926 Brooklyn Ave.; Treasurer, R. B. Smith, 4400 Fairmount Ave.

(b) No. 125, Portland, Ore.—Meets Monday at Labor Temple, 162½ 2d St. President, Wm. Trullinger, Box 644; Vice President, H. R. Scott, Box 644; Financial Secretary, F. J. Shubert, 1519 E. Flanders St.; Recording Secretary, L. M. Merritt, Box 644; M. F. Ide, Box 644.

No. 127, Santa Monica, Cal.—Financial Secretary, L. S. Stockton, Box 127.

(c) No. 130, New Orleans, La.—Meets every Friday, 612 Gravier St. President, L. Van Meter, Box 740; Vice President, W. H. Hauser, 5315 Tchocitoulas; Financial Secretary, H. M. Miller, 810 Henry Clay Ave.; Recording Secretary, D. J. Byrne, Box 740.

(c) No. 133, Middletown, N. Y.—Meets second Wednesdays of each month at Masonic Hall, North St. President, Thomas Hodge, 10 Watkins Ave.; Vice President, Wm. Beers, 22 Wilkins Ave.; Financial Secretary, R. Meade Hunt, 24 Knapp Ave.; Recording Secretary, Arthur Loder, California Ave. (Gen. Del.); Treasurer, Sam. Lee, 19½ Grand Ave.

(c) No. 134, Chicago, Ill.—Meets Thursday at 500 S. State St. President, D. F. Cary, 500 S. State St.; Vice President, M. H. Paulsen, 500 S. State St.; Financial Secretary, R. A. Shields, 500 S. State St.; Recording Secretary, Geo. O. Johnson, 500 S. State St.; Treasurer, A. A. Hall, 500 S. State St.

(a) No. 135, LaCrosse, Wis.—Meets first and third Tuesdays at Eagle Hall, 417 Jay St. President, Theo. E. Strauss, 526 N. 9th St.; Vice President, F. J. Bailey, 1116 S. 6th St.; Financial Secretary, H. Seiler, 227 Winnebago St.; Recording Secretary, Aug. Friemark, 821 S. 8th St.; Treasurer, H. Milligan, 1229 LaCrosse St.

(c) No. 136, Birmingham, Ala.—Meets every Friday night, 8 p. m., at Building Trades Hall, 403½ N. 20th St. President, C. B. Mann, 126 Edmond St.; Vice President, W. P. Reynolds, 113 Edmond St.; Financial Secretary, W. C. Slaughter, 2314 6th Ave.; Recording Secretary, F. C. Powell, P. O. Box 205; Treasurer, A. H. Hunt, P. O. Box 205.

No. 140, Schenectady, N. Y.—Meets first and third Wednesdays at Electrical Workers' Hall, 240 State St. President, M. J. Fanning, 720 Eastern Ave.; Financial Secretary, Julius Grehem, 8 Vassar St.; Recording Secretary, John J. Hannan, 105 Edwards St.; Treasurer, William Van Vechten, Irving Pl.

No. 141, Wheeling, W. Va.—President, Wm. Brooks, 4752 Noble St., Bellaire, Ohio; Vice President, J. Reinocher, 2331½ Chapline St.; Financial Secretary, Wm. Lynn, 103 N. Huron St.; Recording Secretary, L. Feldman, 812 Market St.; Treasurer, Geo. Carle, 178 16th St.

(a) No. 142, Boston, Mass.—Meets every Friday evening, at Rathbone hall, 24 Navar St., Roxbury. President, George F. Mahoney, 3 Fainwood Circle, Cambridge; Vice President, James J. Egan, 843 South St., Roslindale; Financial Secretary, John A. Donoghue, 1466 Washington St.; Recording Secretary, Herbert F. Dowell, 39 Wareham St., Medford; Treasurer, John F. Downey, 7 Everett Ave., Somerville.

(c) No. 146, Decatur, Ill.—Meets second and fourth Tuesdays at Electrical Workers' Hall, 141 E. Main St. President, H. Alban, 432 E. Main St.; Vice President, Wm. E. Drake, 1604 N.

Broadway; Financial Secretary, C. W. Brooks, 820 W. Packard St.; Recording Secretary, W. R. Cones, 1102 St. Louis Ave.; Treasurer, C. W. Brooks, 820 W. Packard St.

(b) No. 149, Aurora, Ill.—Meets second and fourth Tuesdays at 8 o'clock in Dillenburg Hall, corner New York and Broadway. President, F. R. MacDonald, 203 Cedar St.; Vice President, Morris Wright, R. D. No. 5; Financial Secretary, John Smith, 393 Wilder St.; Recording Secretary, L. R. Cole, 8 N. Spencer St.; Treasurer, N. J. Wilmes, 506 Claim St.

No. 150, Lake Co., Ill.—Meets Wednesday night, at Progress club, 16th St. President, W. G. Dalton, Lake Forest; Vice President, Ernest C. Jones, Zion City; Financial Secretary, W. D. Brown, Waukegan; Recording Secretary, C. L. Hawker, Lake Forest; Treasurer, W. D. Browne, Waukegan.

No. 151, San Francisco, Cal.—Meets every Thursday night, at Carpenter's hall, 112 Valencia St. President, W. P. Stanton, 1639 Irving St.; Vice President, C. D. Mull, 410 Schrader St.; Financial Secretary, W. F. Coyle, 1726 La Salle Ave.; Recording Secretary, B. E. Hayland, 887 Fulton St.; Treasurer, Geo. Flatley, 255 Lobos St.; B. A. Geo. Flatley, 255 Lobos St.

(c) No. 152, Atchison, Kan.—Meets first and third Thursdays, at Labor hall, 7th and Commercial Sts. President, Jas. Hinnen, 727½ Commercial St.; Vice President, Frank Strin, 806 N. 5th St.; Financial Secretary, Leo. Peterman, 920 N. 2d St.; Recording Secretary, W. F. Dipple, 509 S. 5th St.; Treasurer, H. L. Stout, 613 Atchison St.

No. 153, South Bend, Ind.—Meets second and fourth Thursdays at 126 N. Main St. in Carpenters' Hall. President, Fred E. Champaigne, 433 N. Hill St.; Vice President, Roy Watt; Financial Secretary, Oliver Davis, 816 Howard Ave.; Recording Secretary, Lewis Bhermer, 804 Notre Dame Ave.; Treasurer, Oliver Davis, 816 Howard Ave.

No. 158, Green Bay, Wis.—Meets second and fourth Mondays on 214 Pine St. President, Joe Mande, 1301 Day St.; Vice President, John Miller, 209 N. Adams; Financial Secretary, Tom Heffernan, 217 Pine St.; Recording Secretary, Howard Ladrow, 415 N. Adams St.; Treasurer, Tom Heffernan, 217 Pine St.

(c) No. 164, Jersey City, N. J.—Meets every Friday, E. B., second and fourth Thursday nights at Brennan's National Assembly Rooms, 642 Newark Ave. President, Geo. Knoop, 153 Hopkins Ave.; Vice President, Walter Murphy, 213 8th St.; Financial Secretary, M. Driscoll, 515 Jersey Ave.; Recording Secretary, Arthur Wichman, 176 Hopkins Ave.; Treasurer, E. Cook 7a Palisade Ave., W. Hoboken, N. J.

(a) No. 165, Newport News, Va.—Meets Wednesdays at C. L. U. Hall, 32th and Washington Ave. President, C. M. Boutchard, 1132 22d St.; Vice President, F. W. Bower, 1112 22d St.; Financial Secretary, Ed. C. Kelly, R. F. D. No. 1, Box 23, Hampton, Va.; Recording Secretary, Geo. D. Poole, 2804 Chestnut Ave.; Treasurer, Ed. C. Kelly, R. F. D. No. 1, Box 23, Hampton, Va.

No. 169, Fresno, Cal.—Meets Wednesday night, at Union hall, 1139 "I" St. President, J. G. Rhymes, box 153; Vice President, M. C. Derr, box 153; Financial Secretary, Geo. E. Williams, box 153; Recording Secretary, R. S. Jordan, box 153; Treasurer, G. M. De Vore, box 153.

(a) No. 175, Chattanooga, Tenn.—Meets every Wednesday night, 8 p. m., at Central Labor Hall. President, J. A. Foster, 25 E. 5th St.; Vice President, H. C. Towles, 5108 Orchid Knob Ave.; Financial Secretary, V. Clark, Box 102, Station A; Recording Secretary, C. E. Salisbury, 340 Chestnut St.

No. 176, Joliet, Ill.—Financial Secretary, F. E. Barr, 107 N. Joliet St.

(a) No. 177, Jacksonville, Fla.—Meets Tuesday evenings at 8 o'clock, at 41½ W. Bay St. President, L. L. Snyder, (resigned; elect new next meeting,) care C. F. Ball Elec. Co.; Vice President, F. C. Phillips; Financial Secretary, S. B. Kitchen, 1011 E. Ashley; Recording Secretary, M. F. Foster, Winthrop St.; Treasurer, T. C. Wilson, 215 E. Ashley.

(a) No. 180, Vallejo, Cal.—Meets every Wednesday at Labor Temple, Virginia St. President, Gus Hack, 340 York St.; Vice President, W. Weiley, 126 Florida St.; Financial Secretary, M. Siegelbaum, Box 251; Recording Secretary, W. E. Mann, Box 251; Treasurer, Josh Emerson, 305 Marin St.

(c) No. 181, Utica, N. Y.—Meets second and fourth Fridays at Labor Temple, Charlotte St. President, Wm. A. Portley, care McGarry's Hotel, 112 Columbia St.; Vice President, E. G. Stiefrater, Capital Ave.; Financial Secretary, Peter Hughes, 1023 West St.; Recording Secretary, Geo. L. Brown, 93 Warren St.; Treasurer, L. Foxenberger, Sunset Ave.

No. 183, Lexington, Ky.—President, H. S. Stone, 612 E. 7th St.; Vice President, J. H. Brock, 217 Clay Ave.; Financial Secretary, F. D. Sweeney, 146 Arcene Ave.; Recording Secretary, A. W. Wilson, 220 E. 6th St.; Treasurer, E. C. Sacra, 138 E. 6th St.; Press Secretary, C. J. McCullough, 636 W. Main St.

No. 184, Galesburg, Ill.—Meets first and third Mondays of the month at Trades Assembly Hall, Main and Seminary. President, W. C. Gorden, 274 E. Ferris; Financial Secretary, Geo. E. Springer, 273 Garfield; Recording Secretary, C. L. Cullock, 435 Maple Ave.; Treasurer, A. J. Crews, 128 S. West.

(c) No. 186, Madison, Wis.—Meets second and fourth Wednesdays at Crescent Building, 27 N. Pinckney St. President, Mahlon Bradford, 1456 Williamson St.; Vice President, C. M. Kohler, 429 Bruen St.; Financial Secretary, Joseph Braith, 312 N. Bassett St.; Recording Secretary, Thomas Rodgers, 308 Bruen St.; Treasurer, Jacob Koellen, 1201 Mound St.

(a) No. 187, Oshkosh, Wis.—Meets first and third Tuesdays, 8 p. m., at Trades and Labor Hall, Main St. President, Ray Evanson, R. F. D. No. 7, Jackson St. Rd.; Financial Secretary, Patrick Joy, 41 Oakland Ave.; Recording Secretary, Ellis Nichols, 562 High St.; Treasurer, Frank Meyers, 39 School St.

(a) No. 189, Quincy, Mass.—Meets First Monday in every month at Johnson Bldg., Room 22, City Square. President, Charles W. Hanscom, 124 Upland Road; Vice President, James B. MacKensie, 30 Berkeley St.; Financial Secretary, Thomas L. Murrin, 120 Milton St., Dorchester, Mass.; Treasurer, John E. Lynch, 40 Upland Road.

(h) No. 190, Newark, New Jersey—Meets first and third Thursdays of every month at Grodel Bldg., 280 Plane St. President, Tom Portch, 62 Hamberg Place; Vice President, Herman Graf, 322 14th Ave.; Financial Secretary, J. McDonald, 444 S. 17th St.; Recording Secretary, Wm. Varley, 261 Clifton Ave.; Treasurer, M. C. Wright, 1011 Broad St.

No. Sub-190, Newark, N. J.—Financial Secretary, E. M. Harding, 262 Washington St.

(c) No. 194, Shreveport, La.—Meets Mondays at Filliquier Bldg., 518 Market St. President, E. C. Henry, Blanchard Bldg.; Vice President, Rudy Thoman, 215 Purrie Ave.; Financial Secretary, J. Davis, 522½ McNeil St.; Recording Secretary, Chas. Serwich, 1129 Foster St.; Treasurer, J. Davis, 522½ McNeil St.

No. Sub-194, Shreveport, La.—Meets first Monday of each month at Electricians' hall, Filliquier Bldg., Market St. President, Dona Roatcap, 729 Colton St.; Vice President, Carra Rodgers, 1263 Murphy St.; Financial Secretary,

Minnie High, 1337 Reynolds St.; Recording Secretary, Myrtle Bowman, 1148½ Texas Ave.; Treasurer, Bessie Brown, 1607 Park Ave.

(a) No. 197, Bloomington, Ill.—Meets first and third Tuesdays, at 202 S. Center. President, W. F. Weiler, 502 S. Mason St.; Vice President, Ed. Emmett, 804 S. Summit St.; Financial Secretary, Maurice Kalakor, 1521 S. Main St.; Recording Secretary, Dixon Brown, 310 S. Robinson St.; Treasurer, R. Gray, 806 Bunn St.

No. 200, Anaconda, Mont.—Meets every Tuesday night, 7:30 p. m., 117 Main St. President, Wm. Keig, Box 483; Financial Secretary, A. S. Jones, Box 483; Recording Secretary, R. A. Clark, Box 483; Treasurer, J. S. Hogan, Box 483.

No. 201, Silvis, Ill.—Meets first and third Fridays, at Eagle's hall, 1st Ave. President, W. J. McElroy, P. O. Box 224; Vice President, A. H. Spaulding, 554 Oak St., Davenport, Ia.; Financial Secretary, C. O. V. Vermillion, 151 15th St.; Recording Secretary, Geo. M. Bell, 144 15th St.; Treasurer, Geo. M. Bell, 144 15th St.

No. 202, Boston, Mass.—President, James R. Queeney; Vice President, Fred A. Bryan; Financial Secretary, Ernest A. Steward, 41 Pleas. Pk. Rd., Winthrop, Mass.; Recording Secretary, Harold C. Fish; Treasurer, Eugene H. Andrews.

No. 203, Douglas, Ariz. Financial Secretary, F. B. Aaron, 641 5th St.

No. 206, Quebec, Quebec, Can. John Page, 759½ St. Valier.

No. 211, Atlantic City, N. J.—Meets every Tuesday night at Electrical Workers' Hall, 1704 Atlantic Ave. President, J. S. Bennett, 151 Westminster Ave.; Vice President, Walter E. Cameron, 149 S. Congress Ave.; Financial Secretary, Jas. C. Cousart, Box 95, Somers Point, N. J.; Recording Secretary, Edward Martin, 335 Canal St.; Treasurer, James B. Cousart, Box 95, Somers Point, N. J.

(c) No. 212, Cincinnati, Ohio—Meets Wednesday each week, at Cos. hall, 1313 Vine St. President, J. McFadden, Moose Wood Ave., N. Fairmount; Vice President, J. E. Swartz, 1313 Vine St.; Financial Secretary, A. Leibenwood, 1313 Vine St.; Recording Secretary, W. Slater, 2565 Trevor Pl. N. Fairmount; Treasurer, A. E. Behman, 1313 Vine St.

No. 213, Vancouver, B. C., Canada.—Financial Secretary, W. F. Dunn, Room 207, Labor Temple.

No. 217, Port Angeles, Wash.—President, Byron Winters; Vice President, Thos. W. Elsworth; Financial Secretary, E. B. Brown; Recording Secretary, C. R. Hall.

No. 223, Brockton, Mass.—Meets Wednesday evening, 8 p. m., at Building Trades Hall, Room 26. President, K. F. Morgan, 31 School St.; Financial Secretary, Albert H. Seares, 30 Hamilton St.; Recording Secretary, Horace Creamer, 28 S. St.

(c) No. 224, New Bedford, Mass.—Meets every Monday evening, 8:00, at Room 9 Theatre Building. President, Geo. Sanderson, Room 9 Theatre Bldg.; Vice President, Geo. Millitt, 831 Brock Ave.; Financial Secretary, Karl Gundersen, 313 Orchard St.; Recording Secretary, Arthur F. Gleason, 519 Rivet St.; Treasurer, Lewis Frost, 23 Fair St.

(c) No. 226, Topeka, Kan.—Meets first and third Wednesday nights, at 8 p. m., at Industrial hall, 3d floor, 418 Kansas Ave. President, M. R. Robertson, 1020 Clay St.; Vice President, M. G. Hathaway, 1323 College Ave.; Financial Secretary, J. L. Lewis, 315 Park Ave.; Recording Secretary, C. J. Maunsel, 222 E. Euclid Ave.; Treasurer, W. E. Price, 123 E. 10th St.

No. 228, El Centro, Cal.—Financial Secretary, L. R. Sisson, Box 373.

(a) No. 230, Victoria, B. C.—Meets every Friday at 7:30 p. m. at Labor Hall, Johnson St. President, C. B. Baxter, Sub P. O. No. 2, Craigflower Road; Vice President, John Grant, Gen. Del.; Financial Secretary, W. Reid, 1153 Paudora St.; Recording Secretary, F. Shapland, 828 Kane St.; Treasurer, F. M. Sherman, 1153 Paudora St.

No. 233, Colorado Springs, Colo.—Meets Thursday at Obrien Bldg., Tejon St. President, Thomas J. Mackay, 521 N. Royer St.; Vice President, W. J. Wood, 2114 N. Cooper St.; Financial Secretary, D. J. Elkins, 518 N. Spruce St.; Recording Secretary, J. K. Mullen, 127 E. Los Animas St.; Treasurer, A. A. Stauton, 226 N. 16th St.

No. 236, Streator, Ill.—Meets on Main St. President, Walter Brehman, 1103 E. Kent; Vice President, Ed. Blain, 614 N. Wasson; Financial Secretary, Geo. Duffner, 514 W. Bridge; Recording Secretary, Ed. Kelly, 511 S. Illinois; Treasurer, Geo. Duffner, 514 W. Bridge St.

(a) No. 238, Asheville, N. C.—Meets Monday right at C. L. U. Hall, S. Main St. President, D. H. Waters, 28 S. Am St.; Vice President, P. G. Telson, 20 Spring St.; Financial Secretary, Oakley C. Mills, 353 W. Haywood St.; Recording Secretary, Oakley C. Mills; Treasurer, Oakley C. Mills.

(a) No. 246, Steubenville, Ohio.—Meets every two weeks (Mondays) at K. of P. Hall, No. 35, 5th and Market Sts. President, Geo. McCloy, 6th St. Car Barns; Vice President, E. L. Bendure, N. 4th St., care Floto Apts.; Financial Secretary, E. D. Richards, City Building; Recording Secretary, C. O. Davis, Lock Box 591; Treasurer, E. D. Richards, City Building.

(h) No. 247, Schenectady, N. Y.—Meets first and third Thursday nights of each month at 246 State St. President, I. D. Pangburn, 46 Gunderland Ave.; Vice President, A. Sager, 403 Summit Ave.; Financial Secretary, Jas. H. Cameron, 7 State St.; Recording Secretary, R. A. Jones, ox 696; Treasurer, C. L. Hand, 35 Turner Ave.

(h) No. Sub-247, Schenectady, N. Y.—Meets first and third Thursdays at Electrical Workers' Hall, 246 State St. President, Miss Nettie Depew, 515 Summit Ave.; Vice President, Miss Margaret Burton, 730 Stanley St.; Financial Secretary, Miss Myrtle Lape, 1216 Albany St.; Recording Secretary, Miss Margaret Leonard, 17 Seward Pl.; Treasurer, Miss Jeannette Grandy, 420 Franklin St.

(c) No. 249, Ottawa, Ont.—Meets first and third Mondays of each month, at Central Chambers, 46 Elgin St. President, R. Bellamy, 205 Albert St.; Vice President, E. Lappie, 603 King Edward Ave.; Financial Secretary, I. Reny, 96 Bolton St.; Recording Secretary, J. M. Barclay, 337 Lyon; Treasurer, I. Reny, 96 Bolton St.

(a) No. 252, Huntington, W. Va.—Meets every other Monday, 8 p. m., at Moose Hall, 4th Ave. Vice President, A. D. Dean; Financial Secretary, W. P. Avery, 1053 Adams Ave.; Treasurer, G. J. Walker, 1911 Dalton Ave.

(g) No. 254, Schenectady, N. Y.—Meets fourth Tuesday of every month. President, Fred Hooker, 9 Paulding St.; Vice President, I. Houck, 524 Hamilton; Financial Secretary, A. Buchanan, 26 Columbia; Recording Secretary, M. L. Northup, 6 Forest Rd.; Treasurer, T. Flynn, 543 Summit Ave.

No. 255, Ashland, Wis.—Meets second Wednesday of month at Eagle's Hall, 2d St., W. President, E. W. Bruce, 1114 Willis Ave.; Vice President, A. Veno, 602 Prentice Ave.; Financial

Secretary, Paul Halbe, 602 Prentice Ave.; Recording Secretary, S. J. Talaski, Cemetery Rd., R. F. D. No. 1; Treasurer, Paul Halbe, 602 Prentice Ave.

(a) No. 257, Lake Charles, La.—Meets second and fourth Thursdays each month, at Union hall, Broad St. President, Seth Sheppard, 424 Prewitt St.; Vice President, Wesley Lyons, 205 Pryor St.; Financial Secretary, Thos. Brown, Box 439; Recording Secretary, J. C. Bramer, Box 439; Treasurer, S. T. Goodman, 203 Belden St.

(c) No. 259, Beverly, Mass.—Meets second and fourth Wednesdays at Webber Bldg., Cabot, Beverly. President, R. E. Hall, 331 Cabot St.; Vice President, Robert H. Hardman, 22 Butman St.; Financial Secretary, Jas. A. Robinson, 48 Highland Ave., Salem; Recording Secretary, E. M. Dawson, 40 Pleasant St.; Treasurer, Geo. E. Smith, 14 Bisson St.

(h) No. 261B, Peterboro, Ontario.—Meets second and fourth Wednesday evening at Labor Hall, George St. President, Walter Cotton, 277 Thomas St.; Vice President, A. E. Morrison, 23 Park St.; Financial Secretary, Chas. J. Seymour, Sr., 193 Smith St.; Recording Secretary, George Snowden, 31 St. James St., Clariday, P. O.; Treasurer, Albert Stephen, 221 Park St.

No. 262, Plainfield, N. J.—President, Al Wagner, 331 E. 5th St.; Vice President, John King, 1627 Prospect Ave.; Financial Secretary, Wm. Reynolds, 970 Arlington Ave.; Recording Secretary, Russell H. Hann, 20 Somerset Pl.; Treasurer, Frank Pope, 73 Grandview Ave.

(e) No. 267, Schenectady, N. Y.—Meets first and third Saturdays of each month, at 246 State. President, P. Baumlér, 304 Clinton St.; Financial Secretary, Homer De Groat, 717 Crane St.; Recording Secretary, Robert Hall, 716 Hamilton St.; Treasurer, Herbert De Groat, 401 Francis Ave.

No. 269, Trenton, N. J.—Meets Monday evening, 8 o'clock, at Camera Hall, 205 S. Broad St. President, Frank L. Morris, Whitehorse, N. J. R. F. D.; Vice President, Geo. Norton, 106 N. Stocton St.; Financial Secretary, Carl F. Schaffer, 696 Southard St.; Recording Secretary, Geo. Wallace, 406 Market St.; Treasurer, Geo. Cole, 209 W. Hanover St.

(h) No. 270, New York, N. Y.—Meets first and third Tuesdays, at Beethoven hall, 210 E. 5th St. President, G. C. Schultz, 149 Lefflerth Ave., Brooklyn, N. Y.; Vice President, E. Barre, 1094 Simpson St., Bronx, N. Y.; Financial Secretary, W. Franz, 402 Cypress Ave., Brooklyn, N. Y.; Recording Secretary, R. Goetichins, 504 11th St., Brooklyn, N. Y.; Treasurer, C. Greene, 40 Washington Ave., New Rochelle.

(c) No. 271, Detroit, Mich.—Meets Monday at Wayne County Bank Bldg., Congress St. President, Ed. Ismond, 597 Lincoln Ave.; Vice President, Ed. Holleran, 656 6th St.; Financial Secretary, Ed. Barrett, 805 Field Ave.; Recording Secretary, Jas. C. Reid, 383 Gr. River Ave.; Treasurer, Wm. Gibson, 187 Clifford St.

(b-f) No. 280, Hammond, Ind.—Meets Friday night, at Trades Bldg., 100 State St. President, D. Sigler, 332 Johnson St.; Vice President, Ed. Hughes, 12 Plummer Ave.; Financial Secretary, J. Verrow, State Line House; Recording Secretary, Omer Armstrong, 544 Adams St.; Gary; Treasurer, Ben Pennington, 346 Cameron St.

No. 281, Ottawa, Ont., Canada.—Financial Secretary, G. Comfort, 2001-2 Arthur St.

(a) No. 282, Chicago, Ill.—Meets second and fourth Monday evenings, at 4351 S. Halsted St. President, W. Hughes; Vice President, William Hughes, 3354 Charlton St.; Financial Secretary, George Wolf, 3637 N. Paulina St.; Recording Secretary, Wm. J. O'Leary, 5532 S. Loomis St.; Treasurer, Thos. Murray, 7033 E. End Ave.

No. 283, Oakland, Calif.—Meets Friday at Rice Institute Hall, 1705 San Pablo Ave. President, C. A. Drolett, 1364 Park Ave., Emeryville, Calif.; Vice President, F. J. Eichler, 468 Crescent St.; Financial Secretary, Geo. Wagner, 1303 Magnolia St.; Recording Secretary, Chas. W. King, 2333 Broadway; Treasurer, Jos. S. Worthington, 2611 Pesalta Ave.; Business Agent, E. S. Hurley, 1705 San Pablo Ave.

No. 284, Thompson Falls, Mont.—Financial Secretary, A. J. Hale, Thompson Falls, Mont.

No. 287, Cairo, Ill.—President, G. G. Edwards, 1512 Poplar St.; Financial Secretary, E. Banta, 1204 Poplar St.

(c) No. 292, Minneapolis, Minn.—Meets second and fourth Monday evenings at 16 S. 5th St. President, Chas. A. Anderson, 1614 N. Washington Ave.; Vice President, J. B. Lieu, Decorah Apts.; Financial Secretary, W. E. Kenney, 2937 Aldrich Ave., S.; Recording Secretary, F. E. Miller, 730 22d Ave., N.; Treasurer, P. L. Byron, 1214 E. 28th St.

(a) No. 293, Sydney, N. S.—Meets every Wednesday night at Greenwell's, 329 Charlotte St. President, B. H. Braye, 58 King's Rd.; Vice President, Arthur Mullins, Whitney Pier; Financial Secretary, H. C. Martin, 9 McKenzie; Recording Secretary, Gordon Hines, 37 Rigby Rd.; Treasurer, D. L. Campbell, 652 Victoria Rd.

No. 294, Brownwood, Texas.—President, G. R. Reggs, 808 Branch St.; Financial Secretary, R. H. Harward, 1009 Martin Ave.

No. 296, Oakland, Cal.—President, H. J. Eckler, 468 Cressent St.; Vice President, C. McLaren, 4176 Howe St.; Financial Secretary, J. R. Prendergrast, Alma Hotel, 14th and Grove Sts.; Recording Secretary, C. W. King, 233 Broadway; Treasurer, J. S. Worthington, 2139 Mitchell St.

(c) No. 297, Ft. Smith, Ark.—Meets first and third Mondays at Labor Hall, 10th St. President, Sam C. Settle, 1437 May Ave.; Vice President, Clarence Oshelman; Financial Secretary, P. M. Reeves, P. O. Box 63; Recording Secretary, Joe Max Bumbacher, 2020 N. J St.; Treasurer, P. M. Reeves, Box 63.

(a) No. 298, Michigan City, Ind.—Meets Tuesday at I. O. O. F. Hall over First National Bank, Franklin St. President, John Fogarty, 616 Pine St.; Vice President, Frank H. Melot, 122 Warren St.; Financial Secretary, Wm. McKinley, 612 Spring St.; Recording Secretary, Victor Cosmrod, 1204 E. Michigan St.; Treasurer, Norman Seward, 109½ W. 10th St.

(c) No. 302, Vallejo, Cal.—Meets first and third Tuesdays of each month at McNulty Hall, 1128 Sacramento St. President, Alan P. Hart, 1124 Sutter St.; Vice President, Jas. R. Hayes, 436 Virginia St.; Financial Secretary, Robert A. Simons, P. O. Box 444; Recording Secretary, J. Leonard, 407 Coughlan St.; Treasurer, R. A. Simons, 1128 Sacramento St.

(c) No. 303, St. Catharines, Canada.—Meets first and third Mondays at Banner Hall, St. Paul St. President, W. Grenville, Brown Clifford & Jones; Vice President, Geo. Flomer, 101 Vine St.; Financial Secretary, A. J. Desand, 26 John St.; Recording Secretary, C. Walters, Brown, Clifford & Jones; Treasurer, C. Stutting, 9 St. Paul St.

(c) No. 305, Ft. Wayne, Ind.—Meets second and fourth Wednesdays of each month at Carpenters' Hall, Calhoun St. President, R. Swihart, 201 E. Woodland St.; Vice President, A. Meyer, 724 Riverside St.; Financial Secretary, C. Grodrian, 2809 Hanna St.; Recording Secretary, Geo. G. Stroh, 706 Walnut St.; Treasurer, H. Miller, 1317 Jackson St.

(c) No. 308, Gloversville and Johnstown, N. Y.—Meets first Friday of the month at Bloss Building, 10 Church St. President, Allen J. Brunt, 203 W. Montgomery St., Johnstown, N. Y.; Vice President, Pearl Conover, 185 S. Main St., Gloversville, N. Y.; Financial Secretary, Fred N. Frank, 65 Division St., Gloversville, N. Y.; Recording Secretary, Frank Foster, 13 Prindle Ave., Johnstown, N. Y.; Treasurer, Fred N. Frank, 65 Division St., Gloversville, N. Y.

(b) No. 310, Helena, Mont.—Meets second Thursday of each month at Jackson St. President, E. V. Smith, 809 Ewing St.; Vice President, C. A. Dandy, 343 Lawrence St.; Financial Secretary, G. A. Wrangham, 1302 Wilder Ave., P. O. Box 701; Recording Secretary, A. L. Reineman, 501 E. Sixth Ave.; Treasurer, J. A. Daley, 1063 Fifth Ave.

(a) No. 312, Sydney Mines, Cape Breton—Meets Monday at S. O. B. I. Hall, Cottage St. President, F. J. Gillis, Box 484; Vice President, W. T. Wilkie, 456 Purnes St., North Sydney; Financial Secretary and Treasurer, Neil McLeod, Box 308; Recording Secretary, Wm. Forest, Guy St.

No. 315, Chicago, Ill.—Meets Thursday, at 65 West Monroe. President, Jos. Hommerich; Vice President, Brian O'Neill, 4808 West End Ave.; Financial Secretary, Ben A. Tetzloff, Box 131, Riverside, Ill.; Recording Secretary, H. H. Nicholson, 1530 Edgewater Ave.; Treasurer, Wm. Zink, 3417 Beach Ave.

No. 318, Knoxville, Tenn.—President, O. L. Jordan, 910 W. 5th Ave.; Recording Secretary, Chas. Vaughan, 2518 Washington Ave.; Financial Secretary, S. R. Ruckman, 2622 Jefferson Ave.

(a) No. 321, La Salle, Ill.—Meets first and third Fridays at Post Hall, 1st St. President, Thos. Heffron, 828 7th St.; Vice President, Dave Donovan, 427 Creve Cour St.; Financial Secretary, A. J. Bartels, 360 1st St.; Recording Secretary, Thomas Gagg, 536 Joliet St.; Treasurer, George W. Green, 128 8th St.

(a) No. 323, West Palm Beach, Fla.—Meets Thursday at 111½ N. Olive St. President, E. B. Davis, Box 20; Vice President, C. S. Nicholls, Alcazar Elect. Co.; Financial Secretary, Jas. E. Chambers, Alcazar Elect. Co.; Recording Secretary, Jos. E. Bell, 322 2d Ave.; Treasurer, W. W. Abbott, Box 20.

(a) No. 328, Oswego, N. Y.—Meets first and third Fridays at Labor Hall, W. 1st St. President, John S. Joyce, 30 W. 3d St.; Vice President, E. C. Bough, 144 W. Bridge St.; Financial Secretary, Frank W. Gallagher, 79 E. 8th St.; Recording Secretary, Lee Hubbard; Treasurer, Thomas J. Houlihan, E. 5th and Bridge Sts.

(c) No. 332, San Jose, Cal.—Meets every Wednesday night, at 8 o'clock, at Labor Temple, 72 N. Second St. President, J. Belvail, 553 Minor Ave.; Vice President, A. Hernandez, 81 Santa Teresa St.; Financial Secretary, C. C. Carroll, 909 Delmas Ave.; Recording Secretary, E. A. Stock, 529 S. 3d St.; Treasurer, Harry Folsom, 1003 Delmas Ave.

No. 335, Springfield, Mo.—Meets Tuesday of each week over Dingleline Hall, 323 Boonville St. President, F. H. Eagleburger, 439 W. Scott St.; Vice President, O. E. Jennings, 2027 N. Campbell St.; Financial Secretary, C. W. Jennings, 833 Hamilton Ave.; Recording Secretary, Ralph Cline, 607 W. Scott St.; Treasurer, H. E. Reynolds, 1359 Frisco Ave.

(c) No. 336, Dayton, Ohio—Meets every second Tuesday evening, at 302 E. 5th St. President, H. H. Elliott, 123 Gaist St.; Vice President, Arthur Wall, 118 S. Lawnview Ave.; Financial Secretary, Eugene Pottle, 138 Hershey St.; Recording Secretary, B. H. Davis, 412 Spitzer Ave.; Treasurer, Eugene Pottle, 138 Hershey St.

(c) No. 340, Sacramento, Calif.—Meets second and fourth Friday nights at Labor Temple, 8th and I Sts. President, L. M. Clausen, 1421 25th St.; Vice President, E. G. Hearst, 1530 J St.; Financial Secretary, E. N. Fish, 1416 12th St.; Recording Secretary, R. H. Hunter, Bismarck Hotel; Treasurer, L. T. Weber, 2724 J St.

No. 344, Prince Rupert, B. C., Canada.—Financial Secretary, S. Massey, Box 944.

(a) No. 349, Miami, Fla.—Meets first and third Tuesdays at Central Union Hall, 8th St. and D Ave. President, Chas. F. Filer, R. F. D. No. 2, Box 22; Vice President, R. A. Coachman, 415 10th St.; Financial Secretary, W. B. Abell, Box 734; Recording Secretary, C. T. Hansen, Box 695; Treasurer, W. M. Frish, care of Gen. Del.

(c) No. 354, Salt Lake City, Utah.—Meets Wednesday, weekly, at Labor Temple, 2d E. 2d S. President, Jas. Peffers, Box 213; Vice President, G. R. Randall, Box 213; Financial Secretary, A. E. Winward, Box 213; Recording Secretary, L. R. Derbridge, Box 213; Treasurer, H. H. Hall, Box 213.

No. 356, Kansas City, Mo.—President, F. D. Miller, 1237 Minnesota Ave.; Vice President, H. B. Ferguson, 1315½ Locust St.; Financial Secretary, C. D. Martin, 3413 Flora Ave.; Recording Secretary, I. Woodward, 3107 Tracy Ave.; Treasurer, C. D. Martin, 3413 Flora Ave. Address all, care of Labor Temple.

(a) No. 358, Perth Amboy, N. J.—Meets second and fourth Fridays of each month at Union Hall, 146 Smith St. President, Norris M. Terwilliger, 50 Jefferson St.; Vice President, J. C. Jensen, 117 Paterson St.; Financial Secretary, Chris Dale, 325 Oak St.; Recording Secretary, Thos. Toolin, 212 Madison Ave.; Treasurer, John K. Flomerfelt, 50 Hazlewood Ave., Rahway, N. J.; Business Agent, Norris M. Terwilliger, 50 Jefferson St.

(a) No. 361, Tonopah, Nev.—Meets second and fourth Friday nights at Musicians' hall, St. Patrick St.; President, M. M. Buckley, Box 293; Vice President, G. H. White, Box 1012; Financial Secretary, M. S. Evans, Box 1012; Recording Secretary, Walter Ross, Box 908; Treasurer, G. W. White, Box 1012.

(a) No. 362, Kankakee, Ill.—Meets second and fourth Fridays at Labor Hall, W. Ave. President, A. F. Dunkin, 471 S. Washington Ave.; Vice President, A. E. Rice, Hobbie Heights; Financial Secretary, L. W. Healy, 182 N. Myrtle Ave.; Recording Secretary, Jess Butler, 569 S. Popular Ave.; Treasurer, L. W. Healy, 182 N. Myrtle Ave.

No. 367, Granite City, Ill.—Meets second and fourth Sunday afternoons at 19th and D Sts. President, O. C. Isham, 2033 E St.; Vice President, A. S. Jones, 1923 State St.; Financial Secretary, Horace Cowherd, 2248 G St.; Recording Secretary, John Jones, 1923 State St.

(b) No. 369, Louisville, Ky.—Meets first and third Mondays of each month at 210 5th St. President, H. A. Tefel, 114 Howard Ave., Jeffersonville, Ind.; Vice President, T. C. Buster, 651 S. 7th St.; Financial Secretary, E. L. Baxter, 2909 Montgomery Ave.; Recording Secretary, John N. Wolf, 2026 Portland Ave.; Treasurer, Harry A. Sigmues, 2656 Bank St.

(a) No. 370, Los Angeles, Cal.—Meets every Wednesday night at 705 Labor Temple Hall, 538 Maple Ave. President, E. A. Hoff, R. F. D. No. 7, Box 166-K; Vice President, E. E. Parle, 3509 6th Ave.; Financial Secretary, G. W. Allen, 150 N. Beaudry; Recording Secretary, W. W. Irvine, 2953 6th Ave.; Treasurer, S. W. Parkhurst, 1644 7th Ave.; Business Agent, W. W. Irvine, 105 Labor Temple.

(c) No. 375, Allentown, Penn.—Meets every Tuesday evening at 8 p. m., 817 Hamilton St. President, Paul W. Frey, 422 Allen St.; Vice President, Harry Plenning, R. F. D. 2; Financial Secretary, Fred R. Wolle, 517 N. 7th St.; Recording Secretary, Earl W. Freed, 940 Chew St.; Treasurer, Stanley Woodring, 1020 Allen St.

No. 377, Lynn, Mass.—Meets second and fourth Mondays at 62 Munroe St. President, F. Connell, 19 Redington St., Swampscott, Mass.; Vice President, A. L. Tash, 26 Freemont St., Winthrop, Mass.; Financial Secretary, R. E. Roberts, 15 Aborn Pl.; Recording Secretary, J. B. Peltipas, 15 Friend St. Pl.; Treasurer, A. Campbell, 21 Weston St., Revere, Mass.

(i) No. 381, Chicago, Ill.—Meets second and fourth Wednesdays in each month at 500 S. State St. President, T. J. Carmody, 5239 Van Buren St.; Vice President, J. W. Klein, 514 Noble St.; Financial Secretary, W. Fitzgerald, 1144 W. 15th St.; Recording Secretary, C. M. Hall, 1941 Cornelia Ave.; Treasurer, Wm. Rombach, 1950 Warner Ave.

(c) No. 382, Columbia, S. C.—Meets Thursday at eight o'clock p. m. at Plumbers' Hall, 1435 Main St. President, J. W. Mann, 1818 Marion St.; Vice President, F. B. Green, 1012 Price Ave.; Financial Secretary, F. C. Romanstine, 1414 Main St.; Recording Secretary, F. C. Romanstine, 1414 Main St.; Treasurer, C. H. Arndt, 1101 Price Ave.

(c) No. 384, Muskogee, Okla.—Meets Tuesday, at Siales Bldg., S. Second. President, Tom Gresham, 109 S. 8th St. Vice President, Paul Dewine, 719 Dayton St. Financial Secretary, W. O. Pitchford, General Delivery. Recording Secretary, T. C. Stoutberg, 109 E. Broadway. Treasurer, Clifford Anderson, City Hall.

No. 392, Troy, N. Y.—Meets first and third Mondays at Loyal Order of Moose Hall, Federal and River Sts. President, Frank Miller, 1207 5th Ave. Watervliet, N. Y.; Vice President, F. W. Larkum, 24 Newman Ave., Mechanicville, N. Y.; Financial Secretary, G. A. Caisse, 107 Ontario St., Cohoes, N. Y.; Recording Secretary, Theo. Klizer, 1343 6th Ave, Watervliet, N. Y.; Treasurer, G. A. Caisse, 107 Ontario St., Cohoes, N. Y.

(c) No. 394, Auburn, New York.—Meets second and 4th Wednesdays of the month, at Mantel's Hall, Water St. President, Thomas Moohan, Steele St.; Vice President, Fred Kisters, Mattie St.; Financial Secretary, F. L. Whiting, 28 Lincoln St.; Recording Secretary, F. L. Whiting, 28 Lincoln St.; Treasurer, J. Pergan, Case Ave.

(f) No. 396, Boston, Mass.—Meets first and third Wednesdays at 987 Washington St. President, Arthur J. McCarron, 40 Wenham St., Forest Hills, Mass.; Vice President, John Cameron, 72 Bellevue Ave, Rosindale, Mass.; Financial Secretary, Jos. E. Fitzgerald, 159 King St., Dorchester, Mass.; Recording Secretary, W. J. Donahue, 366 Meridian St., East Boston, Mass.; Treasurer, Walter R. Sawyer, 50 Greenwood St., Dorchester, Mass.

(a) No. 397, Paraiso, C. Z., Panama.—Meets second Saturday in the month at Hotel Metropole, Panama. President, H. W. Jacobsen, Corozal, C. Z.; Vice President, F. W. Bradley, Paraiso, C. Z., Box 133; Financial Secretary and Treasurer, Edw. W. Schnake, Corozal, C. Z.; Recording Secretary, Chas. F. Van Steenberg, Corozal, C. Z.

(a) No. 402, Pt. Chester, N. Y.—Meets first and third Thursdays of each month at 225 Greenwich Ave. President, Henry Ritch, 14 Sherwood Pl., Greenwich, Conn.; Financial Secretary and Treasurer, William Peck, 11 Lawrence St., Greenwich, Conn.; Recording Secretary, Hamp. Holbeck, 260 Railroad Ave., Greenwich, Conn.

(i) No. 404, San Francisco, Calif.—Meets second and fourth Mondays at Building Trades' Temple, Guerrero and 14th Sts. President, C. H. McConaughy, 145 Jersey St.; Vice President, P. Burchard, 1740 Sacramento St.; Financial Secretary, H. Zecher, 1903 Essex St., Berkeley, Calif.; Recording Secretary, J. P. Boyd, 446 14th St.; Treasurer, H. Gardiner, 33d Ave., East Oakland.

(a) No. 406, Okmulgee, Okla.—Meets every Thursday night at 6 Mortoram Ave. President, G. E. Ortman, 721 Alabama Ave.; Vice President, C. H. Cover; Financial Secretary, D. E. Shick, 514 W. 11th St.; Recording Secretary, T. O. Dunnard, Gen. Del.; Treasurer, D. E. Shick, 514 W. 11th St.

No. 407, Marquette, Mich.—Financial Secretary, A. W. Moore, 114 E. Arch St.

No. 408, Missoula, Mont.—Financial Secretary, B. A. Vickery, 314 W. Cedar St.

(c) No. 410, Calgary, Alberta, Canada.—Meets Friday at Labor Temple. President, J. L. Broeck, 2727 7th Ave., N.W.; Vice President, G. R. Esping, 1319 15th Ave., W.; Financial Secretary, R. J. Franks, 126 17th Ave., W.; Recording Secretary, L. W. Battin, 1136 A. Centre Ave., N. W.; Treasurer, Wm. Pellando, 609 14th St., N.W.

(i) No. 419, New York, N. Y.—Meets first and third Fridays at 301 8th Ave. President, J. P. Willets, 9 Virginia Ave., Jersey City, N. J.; Vice President, Peter Gilchrist, 330 West 18th St.; Financial Secretary, J. Keating, 234 9th Ave.; Recording Secretary, J. Ryan, 407 W. 30th St.; Treasurer, H. F. Cook, 217 Willis Ave., Bronx; Business Agent, H. Schleuter, 301 8th Ave.

(a) No. 425, Roanoke, Va.—Meets first and third Wednesdays at Masonic Temple, 201½ Commerce St. President, McD. Hunter, 712 6th Ave., S.W.; Vice President, W. F. Talley, Vinton, Va.; Financial Secretary, W. S. Peek, 744 Nelson St.; Recording Secretary, J. R. Beard, 1211 3d Ave., N.W.; Treasurer, W. S. Peek, 744 Nelson St.

(a) No. 427, Springfield, Ill.—Meets second and fourth Fridays, at 106 N. 6th St. President, Chas. A. Meador, 828 S. State St.; Vice President, Clyde Kavanaugh, 1322 E. Jackson; Financial Secretary, J. L. Gleason, 838 S. Douglas Ave.; Recording Secretary, H. L. Walters, Box 92; Treasurer, A. L. Long, 812 S. Pasfield.

No. 428, Bakersfield, Cal.—Financial Secretary, D. O. Wilson, Box 238.

(a) No. 430, Racine, Wis.—Meets second and fourth Wednesdays of each month at Union Hall, 424 Wisconsin St. President, John Rousholdt, 1363 Dean Blvd.; Vice President, Geo. Baldwin, 630 Mead St.; Financial Secretary, R. Hogbin, 623 Lake Ave.; Recording Secretary, Albert J. Smith, 2341 Hanson Ave.; Treasurer, R. Hogbin, 623 Lake Ave.

(a) No. 442, Schenectady, N. Y.—Meets third Monday of each month, at Electrical Workers' hall, Donahue Bldg. President, John Wickham, 129 Prospect St.; Vice President, C. D. Keaveney, 743 Nott St.; Financial Secretary, C. S. Gwillam, 31 Euclid Ave.; Recording Secretary, J. Conrad, 805 Craig St.; Treasurer, F. C. Morehouse, R. F. D. No. 7, Box 153, Alpena, N. Y.

(a) No. 443, Montgomery, Ala.—Meets Wednesday at 2½ Court Square. President, W. A. Busby, 513 Bibb St.; Vice President, L. T. Jeett, 629 Moulton St.; Financial Secretary, J. R. Brooks, P. O. Box 139, (122 Plum St. residence); Treasurer, J. R. Brooks, P. O. Box 139.

(a) No. 444, Carlinville, Ill.—Meets first and third Tuesdays of each month at Federation hall, 121½ S. Broad St. President, W. E. Brown, 122 E. Nickless St. Vice President, W. R. Sutton, Financial Secretary and Treasurer, A. J. Oller, 319 N. Plum St. Recording Secretary, J. W. Kissel, Macoupin Co. Tel. Co.

No. 450, Goldfield, Nev.—Financial Secretary, G. A. Caffey, Box 1284.

No. 451, Santa Barbara, Cal.—Financial Secretary, L. E. Martin, Box 415.

(c) No. 453, Billings, Mont.—Meets first and third Mondays at 107 27th St., N. President, Frank Golish, 204 32d St., N.; Vice President, T. A. Philpott; Financial Secretary, E. M. Rouse, 319 S. 30th St.; Treasurer, Chas. Warner.

No. 454, Macon, Ga.—President, R. K. Anderson, 714 Third St.; Vice President, G. M. Cox, 568 1st St.; Financial Secretary, B. H. Collins, 466 Broadway St.; Recording Secretary, F. W. Goette, 128 Academy St.; Treasurer, J. C. Holmes, 172 Magnolia St.

No. 458, Aberdeen, Wash.—Financial Secretary, J. S. Fribley, 3030 Aberdeen Ave., Hoquiam, Wash.

No. 460, Chickasha, Okla.—Financial Secretary, W. E. McGrath, Box 1037.

No. 461, Aurora, Ill.—Business meetings second and fourth Mondays; School meetings, first and third Mondays at Dillenburg Hall, New York and Broadway. President, C. A. Townsend, 87 Williams St.; Vice President, Ed. Bach, 17 South West St.; Financial Secretary, Norbert Berve, 118 Chestnut St.; Recording Secretary, J. L. Quirin, 364 Talma St.; Treasurer, Norbert Berve, 118 Chestnut St.

(c) No. 463, Montreal, Quebec.—Meets every Wednesday at 325 Clarke St. President, E. J. Martin, 837 St. Andre St.; Vice President, E. J. Bennett, 22 Belmont St.; Financial Secretary, D. R. Kennedys, 91 St. Matthew St.; Recording Secretary, C. M. Perkins, 2397 Clark St.; Treasurer, B. P. Bobe, 1545 St. Denis St.

(b) No. 464, Schenectady, N. Y.—Meets second and fourth Thursdays of each month at I. B. E. W. Hall, State St. President, Fred Schuldt, 1008 Delamont Ave.; Vice President, Geo. W. Weber, 6 Princeton St.; Financial Secretary, George E. Garmley, 615 Crane St.; Recording Secretary, John Boyd, 9 Ontario St.; Treasurer, John Olsen, Oakland Ave., Scotia, R. F. D. No. 2.

No. Sub-464, Schenectady, N. Y.—Financial Secretary, Geo. E. Gormley, 615 Crane St.

(a) No. 465, San Diego, Cal.—Meets every Thursday evening. President, Pete Flynn, Box 118; Vice President, Fred Shalstrom, Box 118; Financial Secretary, J. W. McMaraman, Box 118; Recording Secretary, Thos. J. Campbell, Box 118; Treasurer, J. W. McManaman, Box 118; B. A., C. J. Brown, Box 118; Press Secretary, C. C. Havens, Box 118.

No. 466, Charleston, W. Va.—Meets Friday at Musicians' Hall, Capitol St. President, R. C. Miller, Gen. Del.; Vice President, Geo. W. Mathis, Room 15 Bowen Bldg.; Financial Secretary, C. D. Sines, 113 Roane St.; Recording Secretary, W. Hornaff, Jr., 2 Meyers Flats; Treasurer, C. D. Sines, 113 Roane St.

No. 470, Haverhill, Mass.—Meets second and fourth Fridays of each month at 2 Gilman Pl., Washington Square. President, Dan Carleton, 208 Centre St., South Groveland, Mass.; Vice President, Albert C. Smith, 30 Vine St.; Financial Secretary, Willis, Severence, 74 Central St.,

Bradford, Mass.; Recording Secretary, Chas. E. Warren, 91 Emerson St.; Treasurer, Willis Severence, 74 Central St., Bradford, Mass.
No. 471, Millenocket, Me.—Financial Secretary, W. J. Boddy, Box 345.

(a) No. 474, Memphis, Tenn.—Meets every Monday night at Italian Hall, S. 2d St. President, C. D. Pierce, 1387 Florida St.; Vice President, F. S. Leighton, 26 S. 2d St.; Financial Secretary J. Ernest Loury, 545 Edgewood St.; Recording Secretary, C. E. Ferrell, Graeber Apt.; Treasurer, J. Ernest Loury, 545 Edgewood St.

(c) No. 476, Saginaw, Mich.—Meets first and third Thursdays of each month at C. L. U. Hall, 109 N. Jefferson Ave. President, H. Cranrell, 1220 Carroll St.; Vice President, R. Hext, 132 Russell St.; Financial Secretary, Walter Behm, 425 S. 12th St.; Recording Secretary, C. Willard, 1010 N. Washington Ave.; Treasurer, O. E. Sowaski, 1615 Tuscola St.

No. 479, Beaumont, Tex.—President, H. M. Sammons. Vice President, W. L. Hargraves. Financial Secretary, C. A. Weber, Box 932. Treasurer, C. A. Weber, Box 932.

(c) No. 481, Indianapolis, Ind.—Meets every Wednesday night, at Labor Temple, 138 W. Wash. St. President, H. O. Roebriek, 1034 W. 31st St.; Vice President, Clifford Keene, 778 Concord St.; Financial Secretary, Jas. A. Campbell, 338 Douglass St.; Recording Secretary, Jack Conner, 1338 Parker Ave.; Treasurer, Thos. Haefling, State House.

No. 484, Indianapolis, Ind. Financial Secretary, S. B. French, 138 W. Washington St.

(c) No. 485, Rock Island, Ill.—Meets second and fourth Wednesdays of each month at R. I. Turner Hall, 16 St. and 3d Ave. President, C. Purviance, 1417 4th Ave.; Vice President, R. M. Chamberlain, 218 E. 10th St., Davenport, Ia.; Financial Secretary, Theo. Evers, 1822 29th St.; Recording Secretary, P. A. Schluter, 1520 32th St.; Treasurer, Theo. Evers, 1822 29th St.

No. 488, Bridgeport, Conn.—Meets second and fourth Mondays at 841 Main St. President, W. G. E. Clark, 482 Broad St.; Vice President, Albert Walkley, Stratford, Conn.; Financial Secretary, Edward Dobelstein, 1073 Madison Ave.; Recording Secretary, Harold E. Peck, 415 Clinton Ave.; Treasurer, J. P. Johnson, 1441 Stratford Ave.

(b) No. 490, Dallas, Texas.—Meets every Tuesday at Walters' Hall, 1802½ Elm St. President, A. W. Wright, P. O. Box 572; Vice President, O. A. McDaniels, P. O. Box 572; Financial Secretary, H. B. Nicholl, P. O. Box 572; Recording Secretary, Rex Haynes, P. O. Box 572; Treasurer, T. O. Bilton, P. O. Box 572.

No. 492, Montreal, Quebec, Canada.—President, A. Nuckle; Vice President, A. Divri; Financial Secretary, Jos. de Repentigny, 1240 Parthenais St.; Recording Secretary, M. Ligotte; Treasurer, C. Bonchard, 256 Breffeu St.

(c) No. 494, Milwaukee, Wis.—Meets every Friday night, at Berlin Arcade Bldg., 3d St. and North Ave. President, J. W. Daley, 2518 Chestnut St.; Vice President, Walter Dilkie, 715 41st St.; Financial Secretary, Henry L. Faber, 1113 17th St.; Recording Secretary, Ed A. Kroner, 1121 27th St.; Treasurer, John Anderson, 640 21st Ave.

No. 495, Schenectady, N. Y.—Meets second and fourth Tuesdays, at I. B. E. W. hall, State St. President, L. Dutchee, 35 Elder St.; Vice President, Miss Winifred Saunders, 44 Brandt St.; Financial Secretary, L. R. Briggs, 4 Holland Rd.; Recording Secretary, H. A. Young, 453 Howard St.; Treasurer, L. R. Briggs, 4 Holland Rd.

(c) No. 495 (Sub), Schenectady, N. Y.—Meets second and fourth Tuesdays at Electrical Workers' Hall, 246 State St. President, Wm. Seabridge, 816 Crane St.; V. President, Louis E. Trites, 434 Howard St.; Financial Secretary, W. J. Gardner, 830 Duane Ave.; Sub. Lettie Kopptedt, 410 Howard St.; Recording Secretary, H. A. Young, 721 Crane St.; Treasurer, Fred Plude, 955 Strong St.

No. 498, San Francisco, Cal.—Meets second and fourth Monday nights each month, at Building Trades Temple, 14th and Guerrero. President, Alex J. Pringle, 40 Carl St. Vice President, C. C. Crance, 140 Langton St. Financial Secretary, O. C. Mayes, 198 6th Ave. Recording Secretary, S. P. Neal, 684 Howard St. Treasurer, J. E. Dixon, 600 Oak st.

No. 499, Brockton, Mass.—Meets first and third Wednesday evenings of each month, 8 p. m., at 138 Main St. President, Frederick B. Goodwin, 10 Day Ave.; Vice President, Paul Gassett, 50 Glenwood Ave.; Financial Secretary, David E. Aldrich, 96 Moraine St.; Recording Secretary, Joseph F. Westgate, 37 Courtland St. Middleboro, Mass.; Treasurer, David E. Aldrich, 96 Moraine St.

(a) No. Sub-1 (499), Taunton, Mass.—Meets first and third Fridays of each month at C. L. U. Hall, Broadway St. President, Wilmarth Pierce, 29 Newcomb Pl.; Vice President, Leon G. Whipple, 25 Union St.; Financial Secretary, Francis C. Sartoris, 10 Hodges Ave.; Recording Secretary, Thomas F. Synan, 3 Exter St.; Treasurer, Francis C. Sartoris, 10 Hodges Ave.

(a) No. 501, Yonkers, N. Y.—Meets first and third Friday nights of each month at Wigin's Hall, 24 N. Broadway St. President, Wm. R. Parslow, 35 Cliff St.; Vice President, A. S. Hohe, 127 Yonkers Ave.; Financial Secretary, F. F. Crowley, 24 Astor Pl.; Recording Secretary, H. W. Wildberger, Jr., 119 S. High St., Mt. Vernon; Treasurer, C. P. Smith, 266 Jessamine Ave.

(i) No. 503, Boston, Mass.—Meets second and fourth Mondays at Well's Memorial Bldg., 987 Washington St. President, Frank J. Fell, 771 Somerville Ave., Somerville, Mass.; Vice President, Geo. W. Noreau, 2 Colonial Ave., Dorchester, Mass.; Financial Secretary, Arthur Sterr, 27 Sunnyside St., Roxbury, Mass.; Recording Secretary, Geo. A. Deans, 9 Appleton St., Atlantic, Mass.; Treasurer, F. H. Davidmeyer, 89 Wenham St., Forest Hills, Mass.

No. 505, Corpus Christi, Texas.—Meets first and third Tuesdays of each month at Prior Electric Co.'s, People St. President, K. Dunore, care of C. C. Ice & Electric Co.; Vice President, R. G. Starner, care of C. C. Ice & Electric Co.; Financial Secretary, Z. Tower, care of Turner Watts Electric Co.; Recording Secretary, G. McBride, care of People's Light Co.; Treasurer, Z. Tower, care of Turner Watts Electric Co.

(a) No. 506, Chicago Heights, Ill.—Meets second and fourth Monday nights at Trades and Labor Assembly, Chicago Road. President, Walter Niblock, Vincennes Ave.; Vice President, Sam Patterson, E. 23d St.; Financial Secretary, Thos. F. Ryan, 292 W. 15th St.; Recording Secretary, Otto Koehler, Euclid Ave.; Treasurer, F. E. Martin, Centre Ave.

No. 512, Salem, Ore.—Financial Secretary, L. T. Woodward, 524 Union St.

(a) No. 513, Manchester, N. H.—Meets second and fourth Fridays, at Hibernian hall, Manchester St. President, Michael Burns, 425 Dubrique St.; Vice President, Frank Mohar, 256 E. High St.; Financial Secretary, Alfred Cotton, room 7, Stickney Bldg., Concord, N. H.; Recording Secretary, Wm. Malcolm, 253 Grove St.; Treasurer, Michael Fitzpatrick, 119 Cypress St.

(a) No. 514, Lancaster and Depew, N. Y.—Meets Mondays at McNichols Hall, on Broadway. President, Lenord Torrey, Sawyer, Ave., Depew, N. Y.; Vice President, Wm. Hollom, Bordon Town Road, Chicktagawaga; Financial Secretary, Peter H. Frischee, Central Ave., Lancaster, N. Y.; Recording Secretary, Peter H. Frischee, Central Ave., Lancaster, N. Y.; Treasurer, John Egner, South Pinora, Depew, N. Y.

No. 517, Astoria, Ore.—Financial Secretary, G. W. Walters, Box 580.

(a) No. 523, North Yakima, Wash.—Meets every Friday, at Labor Temple, N. Second. President, H. R. Weber, Box 323; Vice President, E. P. Brouillet, 812 S. 13th Ave.; Financial Secretary, Chas. E. Sommers, 15 N. 3d Ave.; Recording Secretary, E. L. Brown, 315 N. 7th St.; Treasurer, L. L. Dobbs, 202 N. 3d St.

(c) No. 526, Santa Cruz, Cal.—Meets first and third Wednesdays of each month at Painters' Union Hall, 54½ Pacific Ave., alternately at Santa Cruz and Watsonville. President, H. M. Clark, Box 93, Soquel, Cal.; Vice President, Geo. D. McIntosh, Watsonville, Cal.; Financial Secretary, J. Tondorf, Box 49; Recording Secretary, A. H. Feeley, Summer and Windham St.

(a) No. 527, Galveston, Texas.—Meets every Friday night, 8 p. m., at Red Men's Hall, 21st St. and Ave. D. President, C. E. Friend, L. P. Tschumy & Co.; Vice President, A. A. Loden, 2205 Ave. K; Financial Secretary, Wm. Klaus, 3809 Ave. K; Recording Secretary, L. H. Dalian, 2408 Ave. K; Treasurer, M. C. Lamar, 2419 Ave. F.

(a) No. 528, Milwaukee, Wis.—Meets second and fourth Fridays of each month in Freie Gemeinde Hall, 262 4th St. President, Paul Behne, 668 37th St., Milwaukee; Vice President, Eugene Colber, 229 Mason; Financial Secretary, James Hagerman, 619 Linus St.; Recording Secretary, Arnold Radtke, 845 69th Ave., West Allis, Wis.

No. 529, Eugene, Ore.—Financial Secretary, M. B. Eaton, Box 281.

(c) No. 534, New York, N. Y.—Meets every Thursday at Labor Temple, 247 E. 84th St. President, Chas. Reed, 50 E. 59th St.; Vice President, Jos. Lawler, 50 59th St.; Financial Secretary, W. A. Hogan, 50 E. 59th St.; Recording Secretary, G. W. Whitford, 50 E. 59th St.; Treasurer, Eugene Roth, 50 59th St.

(b) No. 535, Evansville, Ind.—Meets Friday night at Owls' Home, 3d and Sycamore Sts. President, Oscar A. La Mon, 923 E. Louisiana St.; Vice President, J. A. McGunc, Ruston hotel; Financial Secretary, W. A. Cartwright, 609 Third Ave.; Recording Secretary, Fred J. Stewart, 906 Vine St.; Treasurer, Herman A. Tischer, 32 Maple Ave.

(c) No. 536, Schenectady, N. Y.—Meets first and third Saturdays of each month, 246 State St. President, W. J. Blanchard, 10 Odell St.; Vice President, W. Bisgrove, Stop 4 Albany Rd; Financial Secretary, T. Rourke, 359 Carrie St.; Recording Secretary, Henry D. Leason, 16 Close St.; Treasurer, A. J. Breck, 121 Van Vrahkin Ave.

(b) No. 537, San Francisco, Cal.—Meets every Wednesday night, at 146 Stewart St. President, C. O. Mann; Vice President, M. B. Schaldack, 640 Eddy St.; Financial Secretary, F. Sawdey, 493 Haight St.; Recording Secretary, S. Colherson, 568 6th Ave.; Treasurer, Geo. Sarenson, 664 4th Ave.

(a) No. 538, Danville, Ill.—Meets Wednesday at 7:30 p. m., at Lyric Theatre Bldg., Vermillion St. President Joe King, Collet St.; Financial Secretary, Geo. B. Potter, 14 E. North St.; Recording Secretary, Clarence Denman, 125½ Franklin St.; Treasurer, Geo. B. Potter, 14 E. North St.

(c) No. 539, Long Beach, Cal.—Meets second and fourth Thursday nights of each month at Stewart's hall, 3rd St. President, A. A. Wolff, 820 W. Broadway; Vice President, A. H. Ralph, 2336 Myrtle Ave.; Financial Secretary, R. Y. Fish, 795 Rose Ave.; Recording Secretary and Treasurer, W. E. Roberts, 848 St. Louis Ave.

(i) No. 541, Minneapolis, Minn.—Meets second and fourth Tuesdays of each month at Federation Hall, 104 Washington Ave., S. President, W. D. Cochran, 4905 28th Ave., S.; Vice President, C. H. Finley, 4809 30th Ave., S.; Financial Secretary, H. E. Gable, 3317 Nicollet Ave.; Recording Secretary, J. A. Meyrelles, 314 E. 14th St.; Treasurer, A. S. Nelson, 819 23d Ave., S.

(a) No. 546, Porterville, Cal.—Meets first and third Fridays, at 525 4th St. President, B. H. Maxon, 525 4th St.; Vice President, Frank Rounselle, 222 S. Hockett; Financial Secretary, A. D. Davis, 128 Oak St.; Recording Secretary, A. D. Davis, 128 Oak St.; Treasurer, B. H. Maxon, 525 4th St.

(a) No. 547, Fairmont, W. Va.—Meets first and third Sundays of each month at Fleming Building. President, A. C. Michael, 932 4th St.; Vice President, E. M. Call, Gen. Del., Clarksburg, W. Va.; Financial Secretary, J. A. Callaghan, Gen. Del., Clarksburg, W. Va.; Recording Secretary, J. G. Collins, 936 4th St.; Treasurer, E. H. Childs, 1318 17th St.

No. 548, Pekin, Ill.—Meets second and fourth Wednesdays of each month at Trades Council Hall, Court St. President, Harry Radcliff; Vice President, A. W. Hodgkins; Financial Secretary, Fred Tannar, Broadway St.; Recording Secretary, R. W. Koch, 1226 Highland Ave.; Treasurer, H. Bernds.

(a) No. 551, Amsterdam, N. Y.—Meets every first and third Friday at Central Labor Temple, Church St. President, H. F. Dobbs, 11 Pearl St.; Vice President, J. J. Barber, 168 W. Main St.; Financial Secretary, A. Petersen, 13½ Charles St.; Recording Secretary, T. Vedit, 19 Milton Ave.; Treasurer, Lenord Brown, 11 Evelyn St.

No. 552, Lewistown, Mont.—Meets first Tuesday in each month at Court House on Main St. President, Ray Raymond, Gen. Del.; Financial Secretary, R. Raymond, Gen. Del.

(a) No. 557, York, Pa.—Meets Tuesday evenings at Gehly Building, W. Market St. President, R. Gallager, 327 N. Geo. St.; Vice President, B. H. Dennes, 647 Rouse Ave.; Financial Secretary, Edw. H. Shindler, 1601 N. Duke St.; Recording Secretary, Arthur Baum, 128 N. Grant St.; Treasurer, R. C. McAfee, 276 S. Albermarl St.

No. 556, Walla Walla, Wash.—Financial Secretary, C. S. Stuart, Box 741.

No. 558, N. Westminster, B. C., Can.—Financial Secretary, A. W. Gregor, 427 Oak St

(c) No. 560, Pasadena, Cal.—Meets every Thursday night at 42 E. Walnut St. President, P. H. Quinn, 172 S. Meredith Ave.; Vice President, L. B. Schrader, 792 Merrett Drive; Financial Secretary, C. P. Rice, 589 Buckeye St.; Recording Secretary, A. D. Barnard, 1969 N. Farengo Ave.

(b) No. 561, Montreal, Quebec, Canada.—Meets second and fourth Tuesdays, each month, at Colonial Hall, 325 Clarke St. President, T. McKeown, 1659 Bordeaux St.; Vice President, B. Dawes, 1238 B. Messier St.; Financial Secretary, T. A. Chatham, 1250 Fulham; Recording Secretary, D. C. Robertson, 1243 Parthenais St.; Treasurer, G. Hassan, 753 Attwater.

(a) No. 564, Windsor, Ontario.—Meets every Thursdays night at Trades Hall, Ouellette and Sandwich Sts. President, Edward Immond, 597 Lincoln, Detroit, Mich.; Vice President, Ed. Mahon, 49 Coyeau St.; Financial Secretary, C. C. Killen, 241 London St.; Recording Secretary, R. MacDonald, 27 Langlois; Treasurer, F. MacFarlane, 160 Gladstone.

(a-h) No. 565, Schenectady, N. Y.—Meets second and fourth Monday of each month at Donahue Bldg., State St. President, Joseph Gross, 107 Fifth Ave.; Vice President, John Shible, 424 Pleasant St.; Financial Secretary, Herbert Butterfield, 827 Crane St.; Recording Secretary, E. H. Lester, 219 Broadway; Treasurer, E. M. Hayes, 25 Third St.; Trustee, Thos. Farry, 827 Locust Ave.

No. Sub-565, Schenectady, N. Y. — Meets second Monday of the month at Donahue Bldg., State St. President, Mae Smith, 917 Lincoln Ave.; Vice President, Josephine Weldom, 9 Villa Rd.; Financial Secretary, Alice M. Wright, 717 Vale St.; Treasurer, W. P. Mooney, 5 Third St.

No. 570, Tucson, Ariz. President, W. E. Grulier, 627 N. 7th Ave. Financial Secretary, R. T. Geary, Box 504; Recording Secretary, Walter Evans, Box 504; Treasurer, R. T. Geary, Box 504.

(a) No. 574, Bremerton, Wash.—Meets first Tuesday of every month at Eagle's Hall, Pacific Ave. President, Hira A. Calkins, P. O. Box 396; Vice President, Albion J. Rich, 1411 Elizabeth St.; Financial Secretary, T. M. Libby, P. O. Box 582; Treasurer, Harvey L. Williams, 668 Concord or 7th Ave

No. 578, Valdosta, Ga.—Vice-President, R. L. Reaves, care of Valdosta Lighting Co.; Financial Secretary, R. L. Reaves, care of Valdosta Lighting Co.

(a) No. 579, Globe, Ariz.—Meets first and third Fridays, each month, at Miners' Union Hall, 250 N. Broad St. President, H. C. McCullor, Box 2292; Vice President, J. T. LaDu, Box 2501; Financial Secretary, J. W. Ellis, Box 1011; Recording Secretary, E. L. Griffen, Box 986; Treasurer, J. W. Ellis.

No. 580, Olympia, Wash.—Financial Secretary, Claud Wolf, care of Olympia Light & Power Co.

(a) No. 581, Morristown, N. J.—Meets first and third Monday nights over Post Office, Park Pl. President, Frank Cole, 18 Liberty St.; Vice President, A. L. Thompson, 3 Locust St.; Financial Secretary, John H. Watson, Glenbrook Pl., Morris Plains; Recording Secretary, Harry Anson, 9 Fairview Pl.; Treasurer, John H. Watson, Glenbrook Pl., Morris Plains.

(c) No. 583, El Paso, Tex.—Meets every Friday night at Union Labor Hall, cor. Overland and Kansas Sts. President, G. W. Cook, P. O. Box 36; Vice President, A. W. Rodgers, P. O. Box 436; Financial Secretary, E. D. Davis, P. O. Box 436; Financial Secretary, Harry Kinle, P. O. Box 436; Treasurer, E. D. Davis, P. O. Box 436.

(a) No. 586, Toronto, Ontario, Can.—Meets every Tuesday night, at Labor Temple, Church Street. President, A. Farquhar, 94 Chester Ave.; Vice-President, A. E. Fromholz, 481 Ontario St.; Financial Secretary, Gail Jones, 1 Grange Rd.; Recording Secretary, George Parkin, 22 O'Connell Ave.; Treasurer Harry Simpson, 7 Connaught Ave.

(c) No. 588, Lowell, Mass.—Meets first and third Friday nights each month, at room 6, two flights up, 219 Central Street. President, Chester Madonald, 294 High Street; Vice-President, James A. Mylott, 74 Ludlam Street; Financial Secretary, Joseph Hurley, 32 Second Street; Recording Secretary, George E. Bell, 14 Wamesit Street; Treasurer, Henry Quimby, 52 Willow Street.

(c) No. 591, Stockton, Calif.—Meets Monday night, at Building Trades hall, 19 N. Hunter St. President, H. A. Brown, 1131 So. Center Street; Vice-President, C. Folk, E. Mismier Ave.; Financial Secretary, W. R. Gregory, 1017 So. Sutter; Recording Secretary, Harry S. White, 1235 E. Main Street; Treasurer, W. R. Gregory, 1017 So. Sutter Street.

(i) No. 592, Kansas City, Mo.—Meets Thursdays, at Labor Temple, 1403 Woodland. President, M. F. McCarthy, Mt. Washington, Mo.; Vice President, A. J. Eagle, 2116 Troost Ave.; Financial Secretary, Hugh S. O'Neil, R. F. D. No. 5, Box 214 G, Rosedale, Kan.; Recording Secretary, F. C. McCalmont, 3409 E. 24th St.; Treasurer, H. S. O'Neal, Box 214 G, Route No. 5, Rosedale, Kan.

No. 594, Santa Rosa, Cal.—Financial Secretary, G. A. Merrill, 225 Sonoma Ave.; Recording Secretary, J. E. Simpson, 510 A St.

(c) No. 595, Oakland, Calif.—Meets Monday night, at Electrical Workers' Hall, 740 Twelfth Street. President, C. M. Reek, 2137 Park Boul.; Vice President, J. Manning, 641 78th Street; Financial Secretary, F. W. Adler, 2125 26th Ave.; Recording Secretary, W. J. Parr, 3416 Davis Street; Treasurer, W. B. Parr, 2315 E. 27th St. Business Agent, F. O. Lee, 470 12th St.

(c) No. 601, Urbana and Champaign, Ill.—Meets first and third Fridays at Painters' Hall, University Ave. President, C. Lewis, E. Gram St., Champaign; Vice President, S. E. Griffith, 107 W. Park St., Champaign; Financial Secretary, Geo. H. Said, 107 W. White St., Champaign; Recording Secretary, R. V. Waller, Urbana, Ill.; Treasurer, O. G. Welch, S. 2d St., Champaign.

No. 608, San Jose, Calif.—Meets first and third Wednesdays of each month, at Labor Temple, North 2d St. President, C. G. Smith, 416 N. 4th St.; Vice President, Benj. P. Proctor, 260 S. 1st St.; Financial Secretary, G. G. Skinner, 651 S. 8th St.; Recording Secretary, H. L. Kirkman, 275 S. 9th St.; Treasurer, E. D. Burkhead, 456 Vine St.

(b) No. 609, Spokane, Wash.—Meets every Thursday, at McVay's hall, 609 Trent Ave. President, J. J. Hart; Vice President, Fred Gilbert; Financial Secretary, E. L. Stier, F. S. & B. A., Box 1777; Recording Secretary, Bert Nelms; Treasurer, Thos. Nellist.

(c) No. 614, San Rafael, Cal.—Meets first Tuesday in the month at Building Trades Hall, B St. President, W. M. Meagor, Ross Valley; Vice President, H. R. Eklund; Financial Secretary, H. E. Smith, 224 H St.; Recording Secretary, H. E. Jargensen, 239 D St.; Treasurer, H. E. Smith, 224 H St.

(g) No. 616, Worcester, Mass.—Meets first and third Tuesdays of month at Moose Hall, Earl St. President, Geo. H. Spellman, Robertson Rd.; Vice President, Frank J. Kenney, 87 Pleasant St.; Financial Secretary, John A. McCrealy, 51 Gates St.; Recording Secretary, Geo. Winchester, 628 Cambridge St.; Treasurer, H. R. Knight, Brandon Rd.

(c) No. 617, San Mateo, Cal.—Meets first and third Tuesdays of each month, at Building Trades hall, B St. President, A. S. Moore, 63 N. F St.; Vice President, Clyde Bradford; Financial Secretary, H. F. Magee, 32 Park Rd., Burlingame, Cal.; Recording Secretary, Chas. H. Morrison, 222 Minnie St.; Treasurer, Chas. H. Morrison.

(a) No. 619, Hot Springs, Ark.—Meets first and third Thursday, 324½ Central Ave. President, Edd. L. Anderson, Maurice Bath House; Vice President, Wm. C. Ziegel, 510 Spring St.; Financial Secretary, S. A. King, P. O. Box 151; Recording Secretary, J. R. Howard, 120 Hill St.; Treasurer, Nathan Meyers, 222 Parker St.

No. 620, Sheboygan, Wis.—President, Harry Peppes, 923 N. 4th St.; Vice President, F. V. Cooper, N. 9th St.; Financial Secretary, H. R. Annis, 1335 Michigan Ave.; Recording Secretary, Thos. MacDonald, 821 Oakland Ave.

(c) No. 621, Vancouver, B. C.—Meets first and third Mondays of each month at Labor Temple. President, H. R. VanSickle, Box 612; Vice President, Geo. Hackett, Box 612; Financial Secretary, F. L. Estinghausen, Box 612; Recording Secretary, J. M. Campbell, Box 612; Treasurer, E. Willard, Box 612.

(b) No. 622, Dover, N. H.—Meets first and third Fridays. President, Frank England, 11 Ham St.; Vice-President, Fred Tedford, A. O. H. Hall, Central Ave.; Financial Secretary, John McDonough, 235 Locust St.; Recording Secretary, Eugene Goodwin, 18 Home St.; Treasurer, Jas. Driscoll, 260 Central Ave.

(c) No. 623, Butte, Mont.—Meets every Monday, at Carpenters' Union hall, West Granite. President, H. Jackson, P. O. Box 141; Vice President, E. S. Kidd, Box 141; Financial Secretary, Anthony Schraff, Box 141; Recording Secretary, Don McQuiston, Box 141; Treasurer, Emil Sundburg, Box 141.

(c) No. 625, Halifax, N. S.—Meets fourth Wednesdays at Plumbers' Hall, Granville St. President, A. S. Ayers, 240 Gottington St.; Vice President, E. A. Nickerson, 14 Maitland St.; Financial Secretary, F. H. Nickerson, 13 Harris St.; Recording Secretary, H. J. Smith, 4½ Uniacke St.; Treasurer, H. J. Smith, 4½ Uniacke St.

No. 627, Bakersfield, Calif.—Meets first and third Mondays at Labor Temple, 19th and L Sts. President, Geo. W. Jason, 1722 Chester Ave.; Vice President, Max W. C. Klunder, 6th and Union Sts.; Financial Secretary, G. Walters, Box 445; Recording Secretary, J. G. Eckles, 422 Monterey St.; Treasurer, L. S. Gibbs, 1815 Truxton or 1722 Chester.

(a) No. 628, Stamford, Conn.—Meets second and fourth Tuesdays of each month at Carpenters' Hall, Atlantic St. President, Wm. T. Herrigan, Springdale, Conn.; Vice President, Chas. F. Potter, 4 Bell St., Stamford; Financial Secretary, Wm. D. Church, 50 Division St.; Recording Secretary, Wm. H. Wadhams, General Delivery; Treasurer, Wm. D. Church, 50 Division St.

(c) No. 631, Newburgh, N. Y.—Meets first Tuesday in month, at Mannechoir Hall, Chamber St. President, Carl Hanson, 74 Benard Ave.; Vice President, Roy Westervelt, 80 City Terrace; Financial Secretary, Edward T. McDonald, 59 Williams St.; Recording Secretary, Lenard Herrmann, 316 Third St.; Treasurer, E. L. McDonald, 59 William St.

(b) No. 633, Pine Bluff, Ark.—Meets first and third Wednesdays, each month, at Labor Hall, 305½ W. Bar St. President, C. Toll; Vice President, B. R. Brown, care of American Electric Co.; Financial Secretary, B. F. Bingham, 1818 W. 12th Ave.; Recording Secretary, D. G. Wilkins, care of American Electric Co.; Treasurer, B. F. Bingham, 1818 W. 12th Ave.

No. 636, Marion, Ill.—Financial Secretary, C. E. Williams, 708 N. Garfield St.; Recording Secretary, E. C. Knight, Marion Ill.

No. 639, Port Arthur, Texas.—Meets second and fourth Thursdays each month, at Electricians' Hal, Procter St. President, J. P. Peansall, 1130 Fifth St.; Vice President, G. T. Dunnamar, 833 6th St.; Financial Secretary, G. B. Butterworth, Box 412; Recording Secretary, Glen Jernegan, 8 Savannah Ave.; Treasurer, G. B. Butterworth, Box 412.

(a) No. 640, Phoenix, Ariz.—Meets Wednesday at 7 p. m., at Labor Temple, 2d Ave. and W. Jefferson St. President, F. F. Clark, 423 W. Jefferson St.; Vice President, F. D. Benefield, La-

bor Temple; Financial Secretary, Harry Peck, Box 501; Recording Secretary, J. E. Stoll, 601 E. Washington St.

(a) No. 644, Schenectady, N. Y.—Meets second and fourth Friday of every month at Donahew Bldg., State St. President, J. E. Anderson, Mohawk Ave., Scotia, N. Y.; Vice President, Earl J. Gifford, 180 Van Ranken Ave.; Financial Secretary, H. J. Lockwood, 153 Lafayette St.; Recording Secretary, E. Jandro, 300 Craig St.; Treasurer, Geo. L. Osterhout, 958 Duane Ave.

(a) No. 645, Schenectady, N. Y. Meets second Tuesday at Board of Trade Bldg., 247 State St. President, Thomas H. Welch, 322 Germania Ave.; Vice President, August Bonk, 132 Guilderland Ave.; Financial Secretary, Ross Minkler, 517 Chrysler Ave.; Recording Secretary, Geo. Warren, 322 Germania Ave, care of Thomas H. Welch; Treasurer, John F. Lanahan, 339 Germania Ave.

No. 648, Hamilton, Ohio. Meets second and fourth Tuesdays at Painters' Hall. President, Roy Schroder, 547 Central Ave.; Vice President, Ryan Hord, Financial Secretary, A. D. Howard, 911 Sycamore St.; Recording Secretary, Frank Venable, 923 N. 3rd St.; Treasurer, Celeston Symmes, R. F. D. No. 4.

(a) No. 651, Medford, Ore.—Meets Saturday at Smith's Hall, 128 N. Grape St. President, G. R. Satchwell, 517 S. Holly St.; Vice President, M. B. Banker, 423 S. King St.; Financial Secretary, E. G. Henselman, 48 Rose Ave.; Recording Secretary, H. O. Purucker, 18 Elm St.; Treasurer, H. O. Purucker, 18 Elm St.

No. 656, Albany, Ore. Financial Secretary, A. B. Coates, care P. T. & T. Co.

(c) No. 658, Little Rock, Ark.—Meets second and fourth Thursdays, at Donaghey Bldg., Labor hall, 8th and Main. President, C. E. Davis, 712 La. St.; Vice President, Wm. Clounts, 5th and Spring; Financial Secretary, F. R. Sibert, 3212 W. 11th St.; Recording Secretary, R. F. Stoecker, care Dice Elec. Co.; Treasurer, F. R. Silert, 3212 W. 11th St.

No. 659, Dugkirk, N. Y.—Meets second Sunday of month at Wirtner's Hall, Lion St. President, Chas. Costantino, 330 Deer St.; Vice President, C. Jensen, 48 Douglas St., Fredonia, N. Y.; Financial Secretary, Ben Lander, 108 Ruggles St.; Treasurer, E. Lavondoski, 16 Genet St.

No. 660, Waterbury, Conn.—Meets first and third Fridays of each month, at Machinists' hall, 75 E. Main St. President, Wm. Lee Crowley, R. F. D. No. 1; Vice President, Vernon E. Abel, R. F. D. No. 1; Financial Secretary, Merritt Walters, R. F. D. No. 2; Recording Secretary, H. D. Abel, 29 Field St., care J. Dick; Treasurer, Renel A. Kelder, 43 E. Liberty St.

No. 664, New York City, N. Y.—Meets second and fourth Fridays, at Brooklyn Labor Lyceum, Myrtle and Willoughby Aves.. President, James Verdon, 423 Stanhope, cor. Cypress Ave., Brooklyn. Vice President, Joseph Marion, 13 S. Oxford St., Brooklyn; Financial Secretary, Robert Lavender, 165 Concord St., Brooklyn; Recording Secretary, J. W. Skelton, 91 Vanderbilt Ave., Brooklyn; Treasurer, Wm. H. Jarvis, 543 E. 4th St., Brooklyn.

(c) No. 666, Richmond, Va.—Meets second and fourth Mondays in each month at Thompson's Hall, Broad St. President, G. M. Miller, 2311½ M St.; Vice President, C. J. Alston, 3603 Fairfax St.; Financial Secretary, W. A. Hutcheson, 310 N. Sycamore St.; Recording Secretary, E. L. Hardcastle, 704 Maury St., South Richmond, Va.; Treasurer, L. R. Warriner, 723 N. 26th St.

(a) No. 667, Pittston, Pa.—Meets first and third Mondays at St. Aloysius Hall, Main St. President, Frank Miller, 89 Searl St.; Vice President, George Robison, Swallow St.; Financial Secretary, E. L. Rowan, 27 Tedrich St.; Recording Secretary, Michael Neary, Market St.; Treasurer, Patrick Hurly, 109 Pine St.

(c) No. 668, La Fayette, Ind.—Meets first and third Monday of each month, at Labor Temple, 5th and Columbia Sts. President, A. J. Norris, 642 Main St. Vice President, Thomas Reid, 442 Main St. Financial Secretary, J. H. Glenn, 1107 N. 9th St. Recording Secretary, Ralph Brassie, 337 S. 26th St. Treasurer, J. H. Glenn, 1107 N. 9th St.

No. 669, Springfield, O.—President, W. R. Hicks, 825 S. Louny Ave.; Financial Secretary, Sam Wright, 113 S. Western Ave.

(b) No. 675, Elizabeth, N. J. Meets first and third Tuesdays of each month at 225 Broad St. President, R. D. Lewis, 29 Schardan Ave.; Vice President, G. Ritermeyer, 314 Trinity Place; Financial Secretary, E. J. Malloy, 400 S. Broad St.; Recording Secretary, T. Rool, 429 East Jersey St.; Treasurer, F. Choltun, 282 Second St.

(a) No. 677, Gatun, C. Z., Panama—Meets 2d and 4th Wednesdays, bi-monthly, at Gatun hall. President, T. H. Hallman, Corozal, C. Z.; Vice President, Wm. L. Tricker; Financial Secretary, O. W. Steeds; Recording Secretary, W. F. Lailor, Box G; Treasurer, O. W. Steeds.

No. 679, Philadelphia, Pa.—Meets every Friday evening, at Labor Lyceum, 6th and Brown Sts. President, Gilbert Serpass, 2303 N. 19th St.; Financial Secretary, Edward Gayton, 2527 S. 17th St.; Recording Secretary, Chas. Miller, 160 E. Ontario St.; Treasurer, Wm. Reber, 1236 Harold St.

(a) No. 680, Fond du Lac, Wis.—Meets first and third Fridays of each month at Trades and Labor Hall, 3rd and Main Sts. President, R. B. Mason, 342 Morris St.; Vice president, Bert Baker, 224 E. Cotton St.; Financial Secretary, A. W. Resimius, 22 E. Second St.; Recording Secretary, John K. Barnyte; Treasurer, John O'Brien, 96 Harrison Place.

No. 681, Wichita Falls, Texas.—Financial Secretary, L. G. Cole, 1101 Indiana Ave.

(a) No. 682, New York City, N. Y. Meets second and fourth Fridays at Schnetzer Hall, 12 St., Mark Place. President, Wm. Norman, 11 Fort Green Place, Brooklyn, N. Y.; Vice President, M. B. Birney, 356 Willis Ave.; Financial Secretary, E. F. Smith, 767 Monroe St., Brooklyn, N. Y.; Recording Secretary, C. E. Van Fleet, 10 Elm St., Mt. Vernon, N. Y.; Treasurer, Wm. P. Keeler, 500 W. 179th St.

No. 683, Carbondale, Pa.—President, B. E. Murphy, 21 7th Ave.; Financial Secretary, R. M. Miller; Treasurer, Henry A. Colton, 42 Copeland Ave.

(c-i) No. 692, Meriden, Conn.—Meets second and fourth Mondays at Kroer's Hall, State St. President, Chas. W. Zimmer, N. Colony Rd.; Vice President, L. P. Fickett, 347 W. Main St.; Financial Secretary, Geo. E. Twining, 321 Cook Ave.; Recording Secretary, J. H. Quinns, 9 Mill St.; Treasurer, Geo. E. Twining, 321 Cook Ave.

No. 694, Youngstown, Ohio.—Meets first and third Tuesdays each month, at Abby's Hall, N. Phelps. President, W. R. Pounders, Hubbard, Ohio; Vice President, C. J. Knibble, 330 Ayers St.; Financial Secretary, F. Korth, 115 Berlin St.; Treasurer, W. W. Bryn, 72 Montgomery.

No. 695, St. Joseph, Mo.—Meets Tuesday night, at K. of P. Hall, 7th and Edmond. President, H. A. Bain, 1606 Pacific; Vice President, Earle G. Long, 1017½ Fredrick Ave.; Financial Secretary, Earle G. Long, 1017½ Frederick Ave.; Recording Secretary, A. L. Utz, 712 Locust St.; Treasurer, W. Valentine, 1334 S. 15th St.

(c) No. 696, Albany, N. Y.—Meets second and fourth Tuesday, at Beaver Block, S. Pearl St. President, Geo. W. Colney, 86 Hudson Ave.; Vice President, Francis Cummings, 115 N. Boulevard; Financial Secretary, J. J. Dowling, 70 Bradford St.; Recording Secretary, T. J. Luddy, 100 Hudson Ave.; Treasurer, J. J. Dowling, 70 Bradford St.

No. 697, Gary, Ind.—Meets first and third Thursdays at Labor hall, 560 Broadway, Gary, Ind., and second and fourth Thursdays at Long's hall, State St., Hammond, Ind. President, Arthur McGraner, Box 347. Vice President, F. A. Corgrove, 501 E. State St., Hammond, Ind. Financial Secretary, J. W. Wagner, 416 Madison St. Recording Secretary, H. G. Wesbecker, 1720 Washington St. Treasurer, R. F. Abbott, 48 Sibley St., Hammond, Ind.

(c) No. 699, Gloucester, Mass.—Meets first and third Tuesday, at Teamster's Hall, 167 Main St. President, Harold M. Nelson, 8 Foster St.; Vice President, Rodrick P. Fraser, 32 Bass Ave.; Financial Secretary, Eugene R. Lord, 38 Washington St.; Recording Secretary, Sylvester D. Deering, 12 Washington St.; Treasurer, Sidney S. Fayer, 181 Rogers St.

No. 700, Pittsburg, Kan.—Meets first and third Tuesday of each month at Labor Temple, Broadway. President, C. A. Wiles, 1805 N. Broadway. Vice President, Ed Case, 410 W. Park. Financial Secretary, H. V. Hartman, 1809 N. Locust. Recording Secretary, Frank Lonthosky, 1609 N. Grand.

(a) No. 701, Wheaton, Ill.—Meets second and fourth Thursdays, at second Thursday in Meiding's Hall, at Hinsdale, Ill., fourth Thursdays at Union Hall, Wheaton, Ill. President, Adam W. Dieter, Elmhurst, Ill.; Vice President, L. H. Dieke, Hinsdale, Ill.; Financial Secretary, A. W. Burch, Elmhurst, Ill.; Recording Secretary, Ren Langkafel, Hinsdale, Ill.; Treasurer, A. W. Busch, Box 139, Elmhurst, Ill.

No. 702, Herrin, Ill.—Meets every Sunday at N. Park Ave. President, Lawrence Hundley; Vice President, John L. Ampfer; Financial Secretary, Carl Smith; Recording Secretary, Ransom Little; Treasurer, Dave Baker.

(a) No. 703, Edwardsville, Ill.—Meets second and fourth Fridays of each month, at Bohm hall, Main and Vandalia. President, W. H. Brennan, 221 St. Andrews St.; Vice President, C. Lael, 2121 G St., Granite City; Financial Secretary, C. H. Hotz, 211 N. Clay St.; Recording Secretary, H. M. Hills, 326 N. Bucanan St.; Treasurer, Wm. Ducl, 107 W. E St.

(c) No. 705, Wilkes Barre, Pa.—Meets every Thursday evening at 8 Bells, at Room 54 Simon Long Building, S. Main St. President, Thos. Syron, 196 Scott St.; Vice President, Arthur Messersmith, 450 N. Main St.; Financial Secretary, Phil Kearney, 101 Poplar St.; Recording Secretary, Thos. Taylor, 45 Kulp St.; Treasurer, Thos. McCollum, 222 Madison St.

(a) No. 707, Holyoke, Mass.—Meets second and fourth Mondays, 8 p. m., at Red Men's Hall, 205 High St. President, Chas. E. Hunter, 265 E. Dwight St.; Vice President, Wm. Lacey, 96 Chapin St.; Financial Secretary, P. O. Newman, 4 Vernon St.; Recording Secretary, Ralph E. Denoor, 141 Nonotuck St.; Treasurer, H. H. Bolter, 35 Willow St.

(a) No. 708, Brainerd, Minn.—Meets second Thursday of each month at Theviot Hall, S. 8th St. President, Charles R. Ise, 223 Kindred St.; Vice President, Dean Wilson, Imperial Block; Financial Secretary, H. Roberts, 1702 E. Oak St.; Recording Secretary, A. Ansdahl, Ion Exchange Hotel; Treasurer, Otto Peterson, Windsor Hotel.

No. 709, Great Falls, Mont.—W. H. Secret, Box 841.

No. 710, Northampton, Mass.—Meets first and third Tuesdays, at Board of Trade, rooms, 59 Main St. President, Augus McKenzie, 15 Hampton Ave.; Vice President, Thomas Chaisson, 74 Howley St.; Financial Secretary and Treasurer, Alfred Asher, 53 South St.; Recording Secretary, Edward O'Neill, 27 Armory St.; Treasurer, Alfred Acker, 55 South St.

No. 711, Long Beach, Calif.—Meets Tuesday at Labor Temple, 221 E. 3d St. President, Ralph

S. Prest, Box 207; Vice President, T. D. Caus-
tic, Box 207; Financial Secretary, L. E. Reed,
328 Elm, Box 207; Recording Secretary, C. A.
Rogers, Box 207; Treasurer, L. E. Reed, 328
Elm, Box 207.

(c) No. 712, New Brighton, Pa.—Meets first
and third Mondays of each month at O. U. A.
M. Band Hall, 3d Ave. President, J. C. Beaner,
565 Canal St., Beaver, Pa.; Vice President, C. S.
Isenour, 543 13th Ave.; Financial Secretary,
Harry Shea, 724 3d Ave.; Recording Secretary,
W. S. Lloyd, 414 13th St.; Treasurer, Harry
Shea, 724 3d Ave.

(h) No. 713, Chicago, Ill.—Meets first and
third Tuesday nights at 738 D. Madison St.
President, Edward J. Long, 738 W. Madison St.,
room 320; Vice President, A. Prassel, 738 W.
Madison St., room 320; Financial Secretary, J.
F. Schilt, 738 W. Madison St., room 320; Re-
cording Secretary, A. Long, 1433 S. 59th Ave.,
Cicero, Ill.; Treasurer, Wm. Dettman, 1806 N.
Washtenau Ave.

(a) No. 714, Charleston, Mass.—Meets first
Tuesday, at 5, third Tuesday at 8, at Owls' hall,
66 Main. President, H. F. O'Connell, 819 4th St.
South Boston. Vice President, Geo. Rowe, 101
Homer St., East Boston. Financial Secretary,
John A. Fisher, 17 Union Park, Boston. Re-
cording Secretary, J. S. Cicilio, Fenno St., Revere.
Treasurer, A. A. Valois, 133 Kimball Ave, Revere.

(c) No. 716, Houston, Texas.—Meets every
Thursday at Plumbers' Hall, 1111½ Congress St.
President, J. M. Stevens, 1203 James; Vice Pres-
ident, S. R. Smith, care of Keithly Co., 811 Main
St.; Financial Secretary, W. J. Peters, 2006
Jefferson St.; Recording Secretary, H. L. Holmes,
315 Thompson; Treasurer, J. V. Shown, Houston
Heights, Texas.

No. 717, Boston, Mass.—Meets first and third
Tuesdays each month, at Wells Memorial Bldg.,
Washington St. President, R. E. Laidlow, 6
Louise Park, Roxbury, Mass.; Vice President,
J. E. McGrath, 285 East St., South Boston; Fi-
nancial Secretary, W. J. Landry, 3 W. Newton
St.; Recording Secretary, P. F. Groust, 7 Wyman
St.; Jamaica Plain, Mass.; reasurer, A. J. Davis,
18 Fiheld St., Dorchester, Mass.

(j) No. 718, Paducah, Ky.—Meets third Monday
nights, at Central Labor Hall, 3d and Broadway.
President, George Grim, 718 S. 11th; Vice Pres-
ident, H. M. Johnson, 5th and Ky. Ave.; Finan-
cial Secretary, Geo. B. Brown, 433 Clark St.;
Recording Secretary, C. J. Elmendorf, 3d and
Adams; Treasurer, G. B. Brown, 433 Clark St.

(c) No. 719, Manchester, N. H.—Meets first
and third Tuesday, at Wagner's Block, Man-
chester St. President, Chas. Wainer, 75 Saga-
more St. Vice President, Ralph Farmer, 631
Front St. Financial Secretary, Geo. L. King, 96
Webster St. Recording Secretary, H. W. Davis,
Box 361. Treasurer, Chas. Longa, 10 N. Adams.

(a) No. 720, Moberly, Mo.—Meets first and
third Monday nights on 409 Reed St. President,
G. F. Little, 409 Reed St.; Vice President, G.
H. Headbrink, 527 Reed St.; Financial Secretary,
B. W. Sanders, 115 S. 4th St.; Recording Sec-
retary, Harry Solomon, 641 N. Ault St.; Treasurer,
J. L. Rogers, 308 N. 4th St.

(c) No. 722, New Haven, Conn.—Meets sec-
ond and fourth Thursdays at Trades Council
Hall, Chapel St. President, John J. Bowen, 23
Ward Place, West Haven, Conn.; Vice President,
Frank Stocks, 485 Howard Ave.; Financial Sec-
retary, F. J. Stocks, 485 Howard Ave.; Recording
Secretary, Max Bogue, 173 Kimberly Ave.; Treas-
urer, George Saunders, 62 Whitney Ave.

(b) No. 723, Ft. Wayne, Ind.—Meets every
Friday at Carpenters' Hall, 610 Calhoun St.
President, J. Beulow, 1110 Spy Run Ave.; Vice
President, A. Rood, 1215 Barr St.; Financial
Secretary, A. C. Berger, 630 E. Washington St.;
Recording Secretary, R. E. Deel, 115 W. Lewis
St.; Treasurer, S. E. Evans, 1026 Huffman St.

(a) No. 724, Utica, N. Y.—Meets fourth
Sunday of each month, at Labor Temple. Presi-

dent, F. A. Rockwell, 203 Steuben St.; Vice
President, F. A. McCracken, 61 Hobart St.;
Financial Secretary, O. Weigel, 50 Neilson St.;
Recording Secretary, O. L. Weigel, 504 Neilson
St.; Treasurer, E. I. Griffith, 20 Gold St.

No. 725, Terre Haute, Ind.—President, H. G.
Mercer, 306 S. 4th St.; Financial Secretary, Lee
Allen, 447 N. 6th St.

(a) No. 726, Sault Ste. Marie, Ont., Canada.
—Meets second and third Wednesdays of each
month at Odd Fellows' Hall, Steelton St. Pres-
ident, William Gregory, 152 Walnut St.; Vice
President, Ed. B. Killens, East End P. O.; Fi-
nancial Secretary, John Donnelly, 465 Wellington
St.; Recording Secretary, Malcolm G. Mont-
gomery, East End P. O.; Treasurer, Thos. L.
Richardson, 225 St. James St., Steelton.

No. 727, Schenectady, N. Y.—Meets first and
third Wednesdays of month, at I. B. E. W.
Hall, 246 State St. President, Charles Kline-
meier, Craig, N. Y.; Vice President, Max Happ-
ner, 165 Jay St.; Financial Secretary, Joseph
B. Lander, 864 Stanley St.; Recording Sec-
retary, Jacob G. Herriman, 425 Paige St.; Treas-
urer, George Melba, 1427 Nott St.

No. 728, Milwaukee, Wis.—Meets every Wed-
nesday evening, at Bristane Annex, 526 Chestnut
St. President, Jack Horowitz, 702 10th St.;
Vice President, P. J. Gerhardt, 895 38th St.;
Financial Secretary, W. F. Steinkraker, 1066
7th St.; Recording Secretary, Herb. Martin,
123 5th St.; Treasurer, Sam Rabuchin, 772
9th St.

TELEPHONE OPERATORS.

(j) No. 1-A, Boston, Mass.—Meets' second
and fourth Fridays, 2:30 p. m., 9:30 p. m., at
Wells Memorial Hall, 987 Washington St. Pres-
ident, Annie C. Malloy, 101 Cowper St. E. Boston;
Vice President, Mary A. Meagher, 42 Highland
St., Hyde Park, Mass.; Financial Secretary,
Gertrude E. Devine, 50 Mt. Vernon St., Dor-
chester, Mass.; Recording Secretary, Catherine
T. Tierney, 60 Hecla St., Dorchester, Mass.;
Treasurer, Elizabeth L. Breen, 90 Webster Ave.,
Cambridge, Mass.; C. S., E. Hyman, 16 Leroy
St., Dorchester, Mass.

(j) No. 2-A, Lynn, Mass.—Meets second and
fourth Mondays, at Sharon Hall, 61 Exchange
St. President, Hazel E. Emery, 85 Waites Ave.,
East Lynn, Mass.; Vice President, Mollie Two-
mey, 16 Woodman St., West Lynn, Mass.;
Financial Secretary, May Sullivan, 69 N. Com-
mon St., Lynn, Mass.; Recording Secretary,
Mary Creamer, 70 Ridgeway St., Lynn, Mass.;
Treasurer, Anna Curry, 11½ Essex Ave., East
Lynn, Mass.

(j) No. 3-A, Springfield, Mass.—Meets second
and last Tuesdays, at C. L. U. Hall, 19 Lanford
St. President, Anastasia Vilderman, 487 New
Bridge St. W.; Vice President, Grace Tink-
hard, 47 Lowell St.; Financial Secretary, Grace
Dailey, 333 Eastern Ave.; Treasurer, Helen
Burke, 21 Everett St.

(j) No. 4-A, Holyoke, Mass.—Financial Sec-
retary, E. S. Alden, 189 High St.

(j) No. 5-A, Worcester, Mass.—Meets first
and third Tuesdays, at Electrical Workers' Hall,
419 Main St. President, Bertha Hill, 17 Wel-
lington St.; Vice President, Margaret M. Mc-
Cullough, 34 Chifton St.; Financial Secretary,
Marie Bertrand, 85 Portland St.; Recording Sec-
retary, Mary Dudley, 19 Shirley St.; Treasurer,
Katherine Coyle, 24 Lewis St.

(j) No. 6-A, New Bedford, Mass.—Financial
Secretary, Marie Smith, 35 Shawmut St.

(j) No. 7A, South Framingham, Mass.—Meets
first and fourth Fridays at C. L. U. Hall, How-
ard St. President, Mary O'Brien, 26 Waushakum
St.; Vice President, Marcella Doherty, 125 W.
Central St., Natic, Mass.; Financial Secretary,
Marion Brickford, 26 Dennison Ave.; Recording
Secretary, Mary Healy, 15 Cottage St., Natic,
Mass.; Treasurer, Nora Cozzens, 61 Hollis St.

(a) No. 9, Butte, Mont.—President, Gertrude
Smith, 251 E. Granite St.; Financial Secretary,
Cecelia Vannier, 320 W. Broadway.

Classified Directory

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Hot Springs	619	Georgia.			
Little Rock	658	Atlanta	78		
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Globe	579	Indiana.			
Phoenix	640	Evansville	535		
Tucson	570	Ft. Wayne	305		
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Bakersfield	428	Gary	697		
Bakersfield	627	Hammond	280		
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Fresno	100	Indianapolis	484		
Fresno	169	Lafayette	668		
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San Francisco	151	Chicago	134		
San Francisco	404	Chicago	282		
San Francisco	537	Chicago	315		
San Jose	332	Chicago	381		
San Jose	608	Chicago	713		
San Mateo	617	Chicago Heights	506		
San Rafael	614	Danville	538		
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Santa Cruz	526	Edwardsville	703		
Santa Monica	127	Elgin	117		
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Hartford	35	Quincy	67		
Meriden	692	Rock Island	485		
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Isthmus of Panama.			Springfield	335	
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Boston	717		Newark	190	
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Lynn	377		Amsterdam	551	
Lowell	588		Auburn	394	
Lynn	2a		Buffalo	41	
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Worcester	616		New York	664	
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Michigan.			Oswego	328	
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Missouri.			Schenectady	(S) 464	
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Utica	724	Richmond	666
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Cleveland	38	Seattle	77
Cincinnati	212	Seattle	46
Dayton	336	Spokane	73
East Liverpool	93	Spokane	609
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Albany	656	Milwaukee	494
Astoria	517	Milwaukee	528
Medford	651	Milwaukee	728
Eugene	529	Oshkosh	187
Portland	48	Racine	430
Portland	125	Sheboygan	620
Salem	512	West Virginia.	
Pennsylvania.		Charlestown	257
Allentown	375	Charlestown	466
Carbondale	682	Fairmont	547
Erie	56	Huntington	252
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New Brighton	712	CANADA.	
Philadelphia	98	Alberta.	
Philadelphia	679	Calgary	410
Pittsburg	5	British Columbia.	
Pittston	667	New Westminster	558
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York	557	Vancouver	213
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Columbia	382	Victoria	230
Tennessee.		Nova Scotia.	
Chattanooga	175	Halifax	625
Knoxville	318	Sydney Mines	312
Memphis	474	Sydney	293
Texas.		Ontario.	
Beaumont	479	Ottawa	249
Brownwood	294	Ottawa	281
Corpus Christi	505	Peterboro	261
Dallas	69	Sault Ste Marie	726
Dallas	490	St. Catherines	303
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Houston	66	Montreal	463
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Port Arthur	639	Montreal	561
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PRICE LIST OF SUPPLIES.

Charter Fee, for each member	\$1.00
Seal	3.50
Rolled Gold Charms	2.00
Solid Gold Emblematic, Buttons large.....	1.00
Solid Gold Emblematic Buttons, small.....	.75
Heavy Rolled Gold Emblematic Buttons, each .....	.50
Solid Gold Cuff Buttons, per pair	3.75
Rolled Gold Cuff Buttons, per pair	1.50
Constitutions, per 100	5.00
Membership Cards, per 100	1.00
Traveling Cards, per dozen .....	.50
Withdrawal Cards, with Transfer Cards, per dozen .....	.50
Application Blanks, per 100 .....	.50
Extra Rituals, each .....	.25
Working Cards, per 100 .....	.50
Official Letter Paper, per 100 .....	.50
Official Envelopes, per 100 .....	.50
Official Notices of Arrears, per 100 .....	.50
Set of Books, including Receipts, Warrants, etc.	5.50
Receipt Book, (750 receipts)	3.00
Electrical Worker Subscription, per year .....	.25
Treasurer's Account Book .....	.50
Treasurer's Receipt Book .....	.25
Warrant Book for R. S. ....	.25
Financial Secretary's Ledger, 200 pages	1.50
Financial Secretary's Ledger, 400 pages	2.50
Minute Book for R. S. ....	.75
Day Book .....	.50
Roll Call Book .....	.50
Receipt Holders, each .....	.15
Obligation Cards, Double, per dozen .....	.25
Permit Cards, per 100 .....	.50
Full-sized Pencil carbon for Receipt Books, per sheet....	.05
Metal Union Labels, per 100	1.00
Labels, per 100 .....	.15



Note—The above articles will be supplied when the requisite amount of cash accompanies the order, otherwise the order will not be recognized. All supplies sent by us have postage or express charges prepaid.

Address,

Chas. P. Ford, I. S.